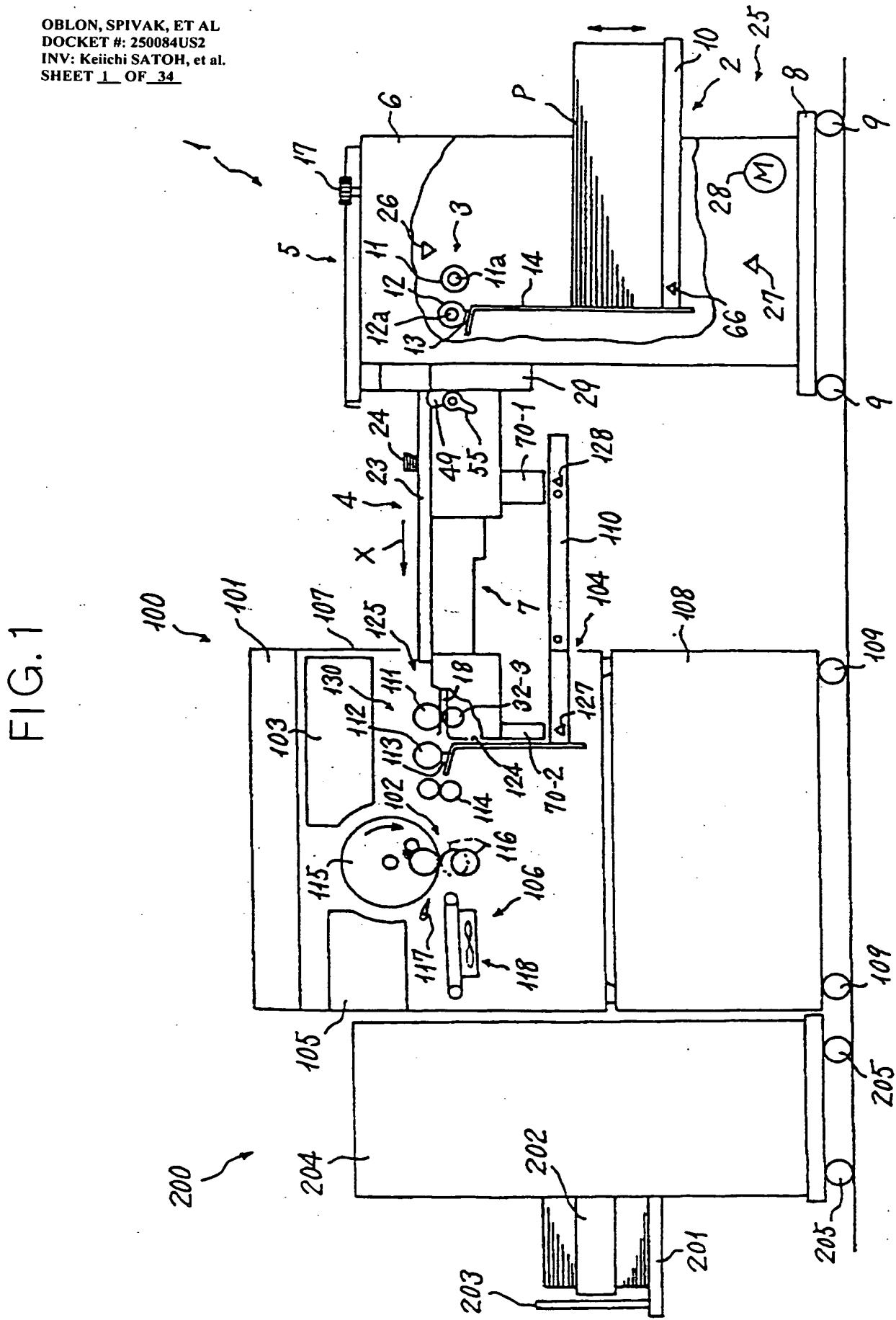


T-04003 FIGS. 1-32

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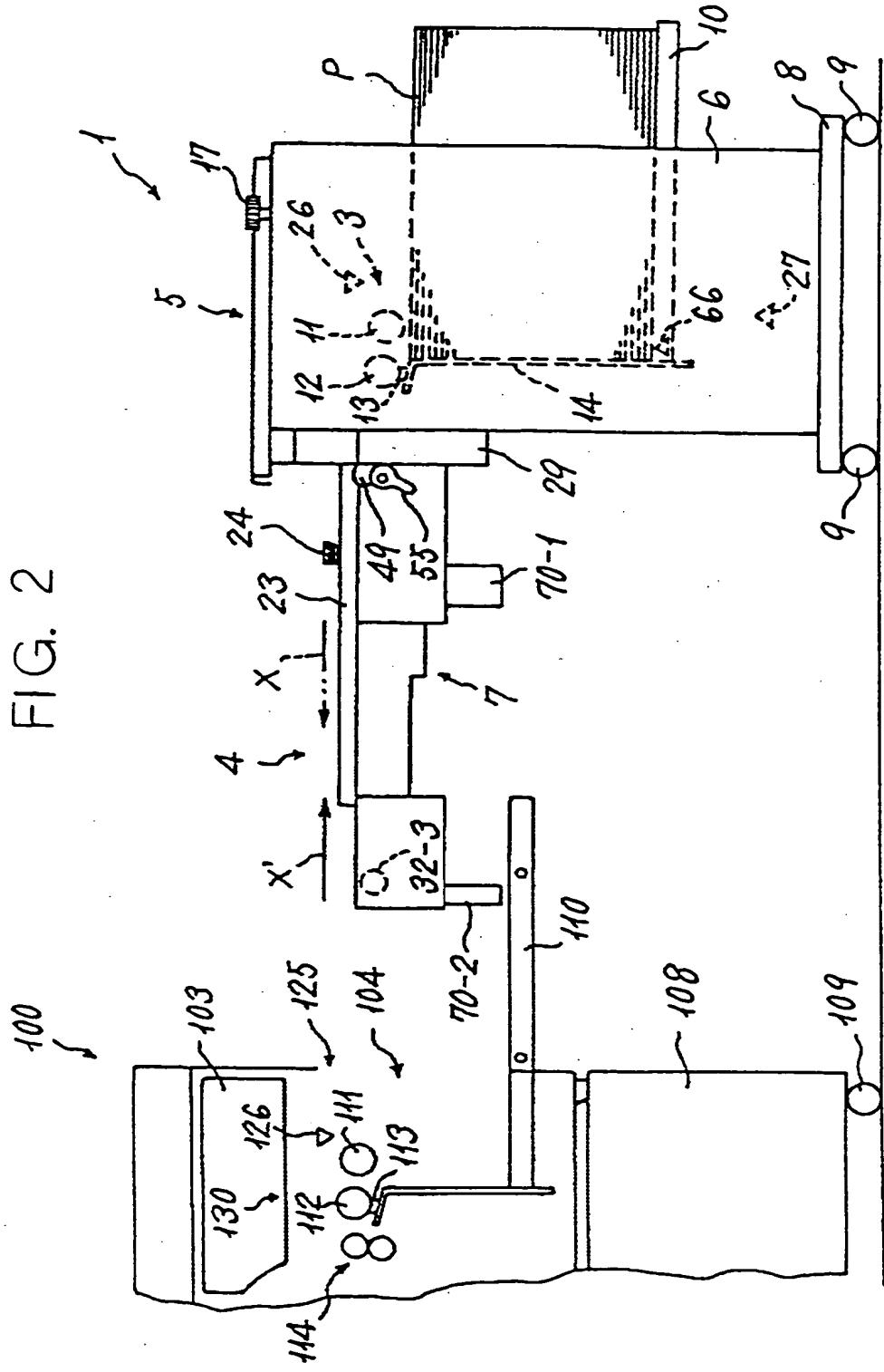


FIG. 3

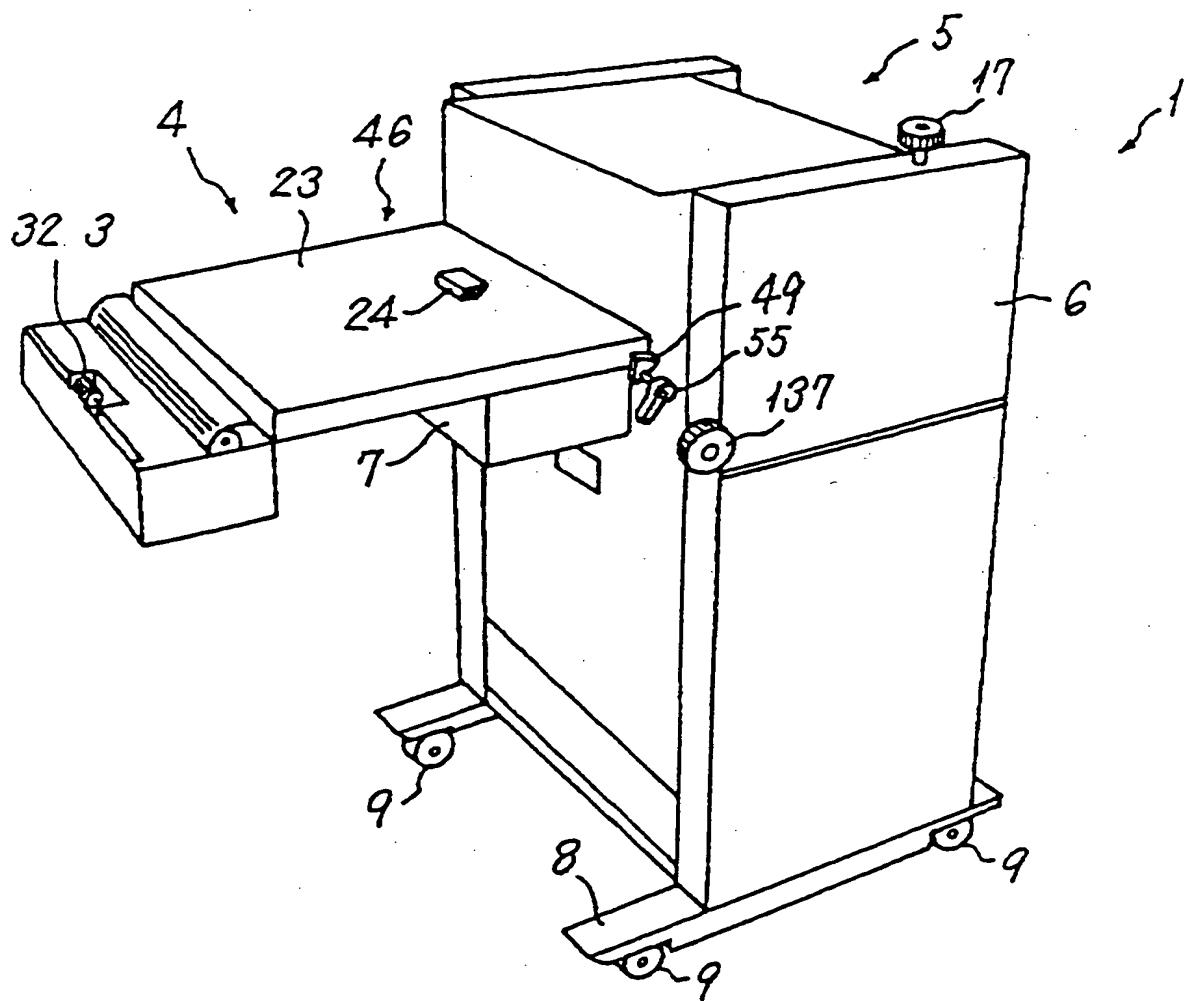


FIG. 4

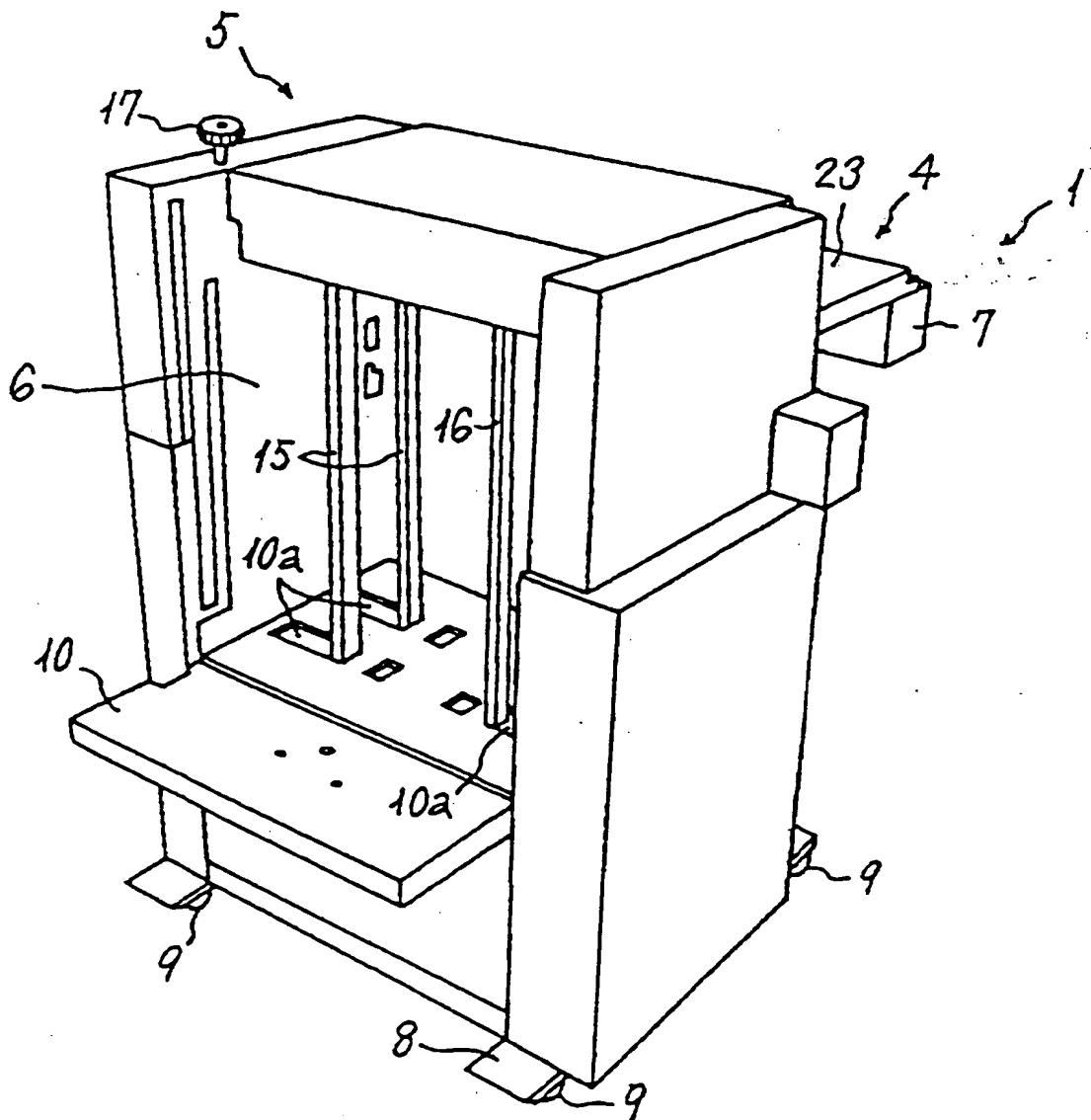


FIG. 5

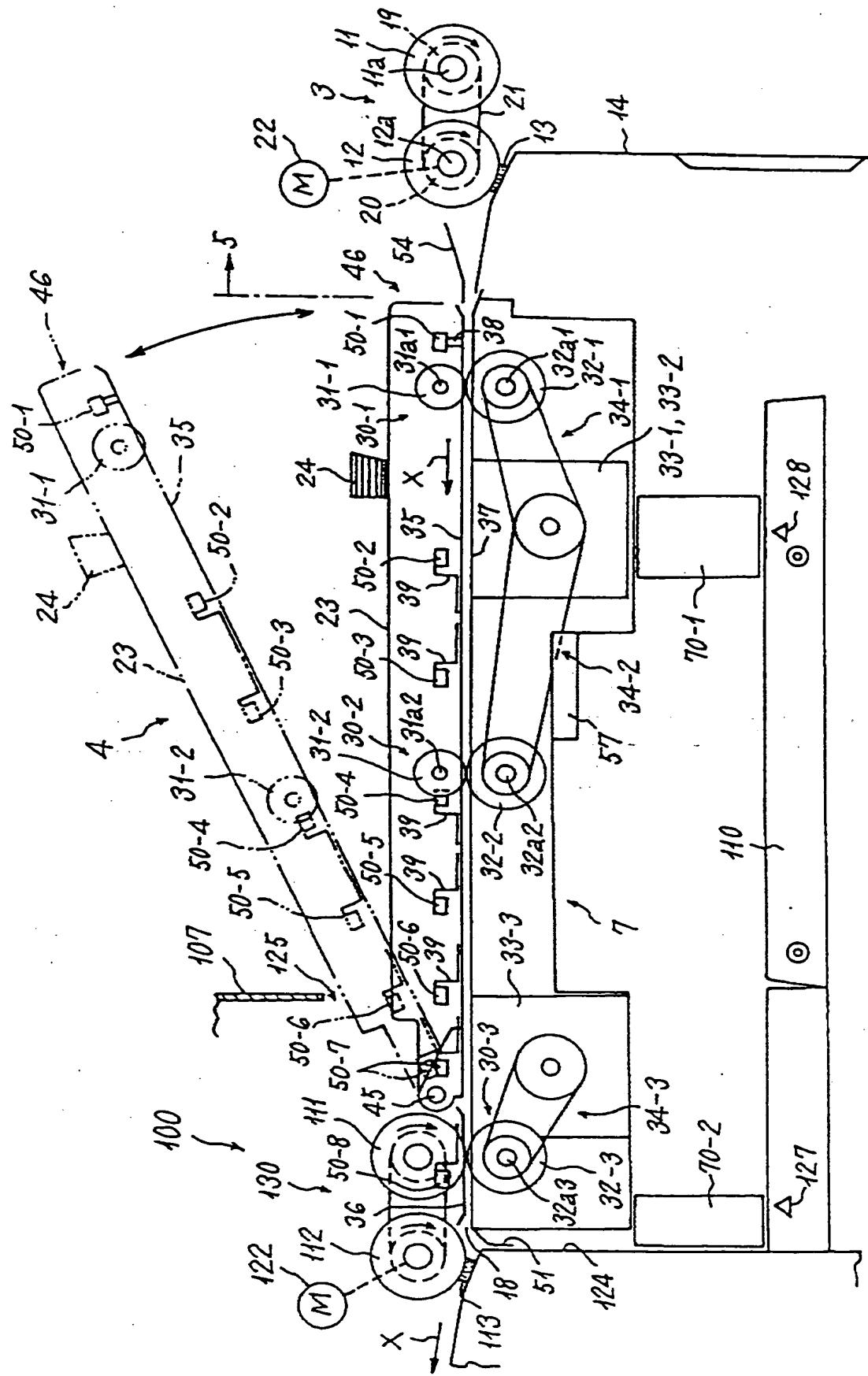


FIG. 6

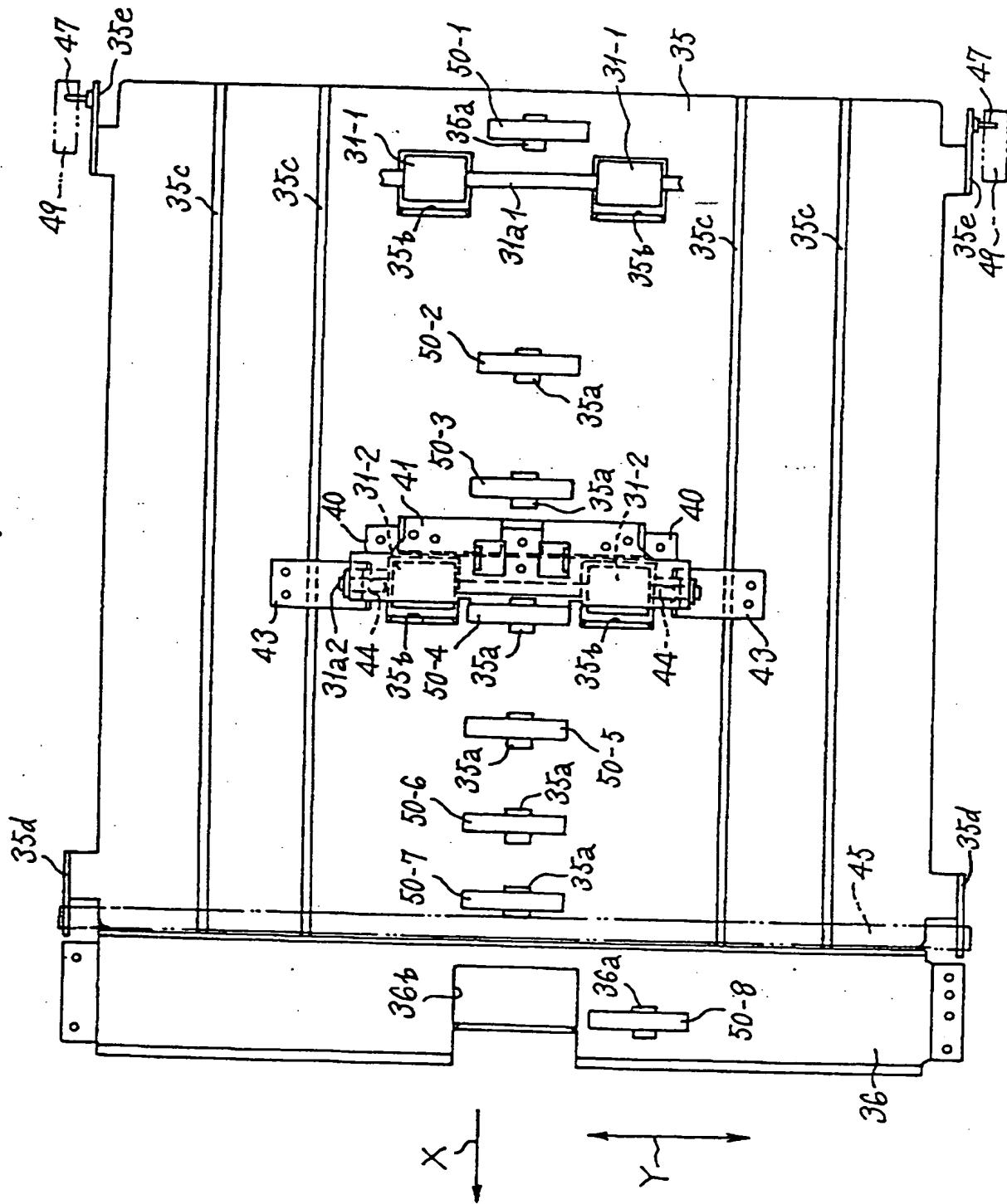


FIG. 7

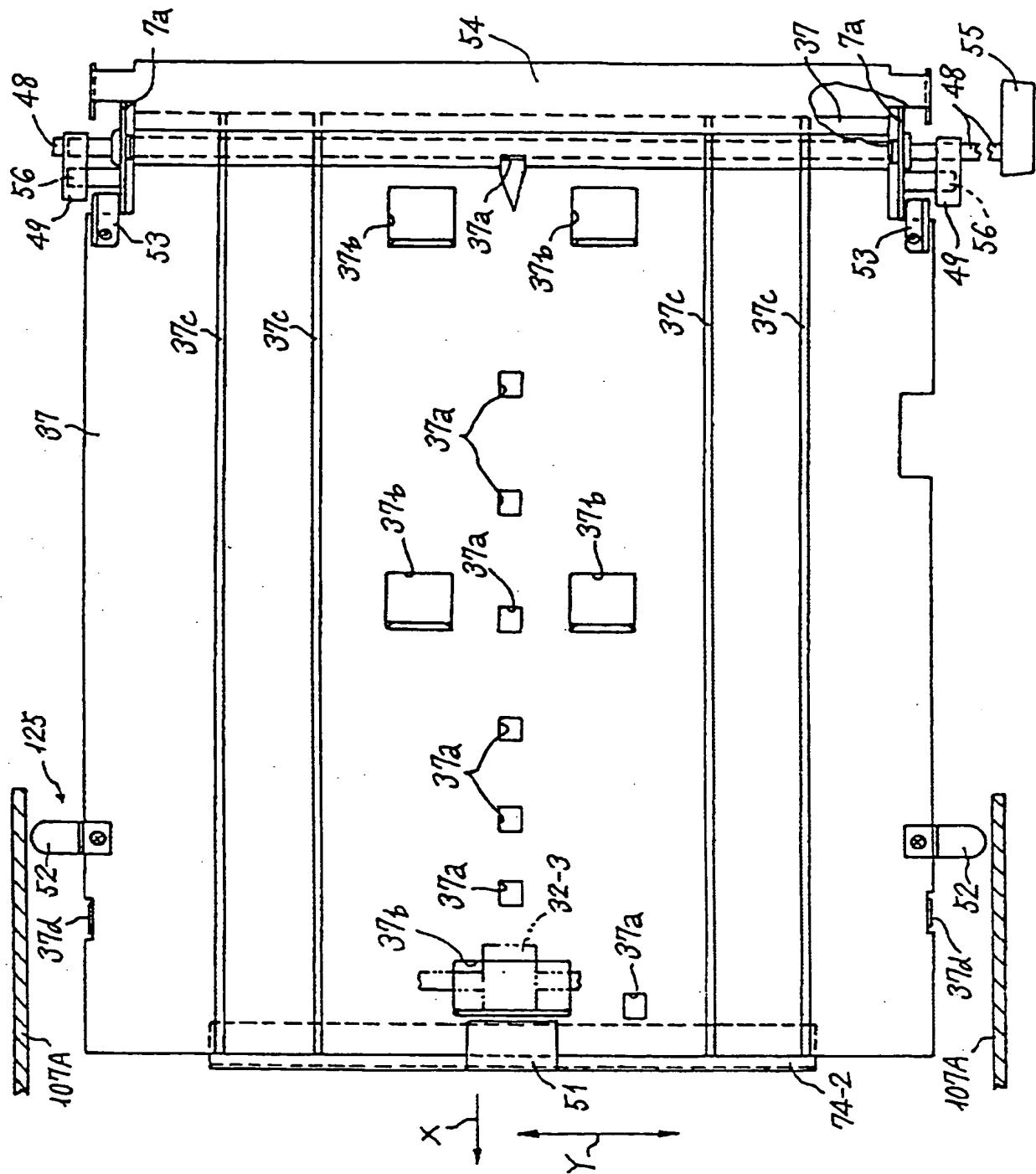


FIG. 8

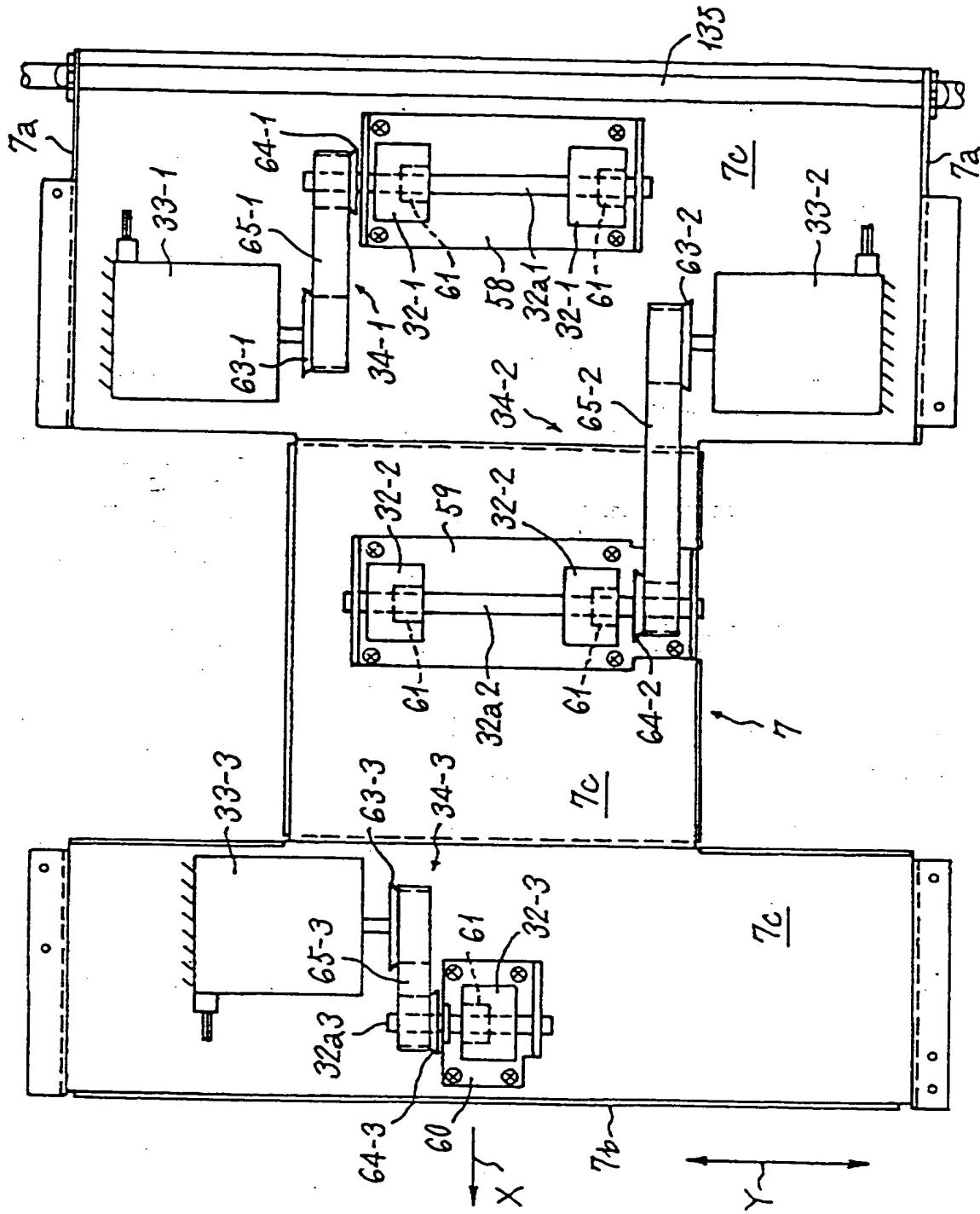


FIG. 9A

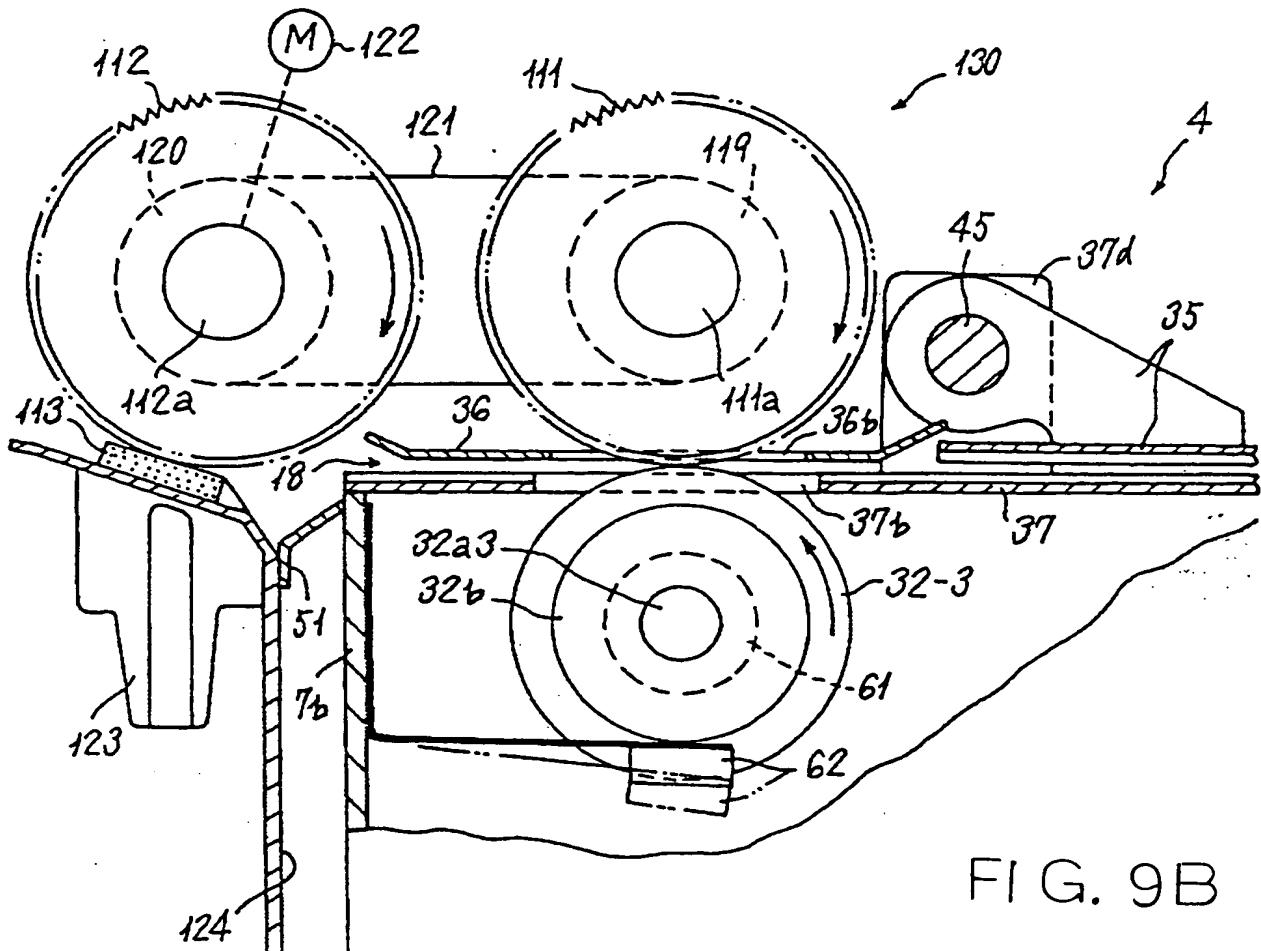


FIG. 9B

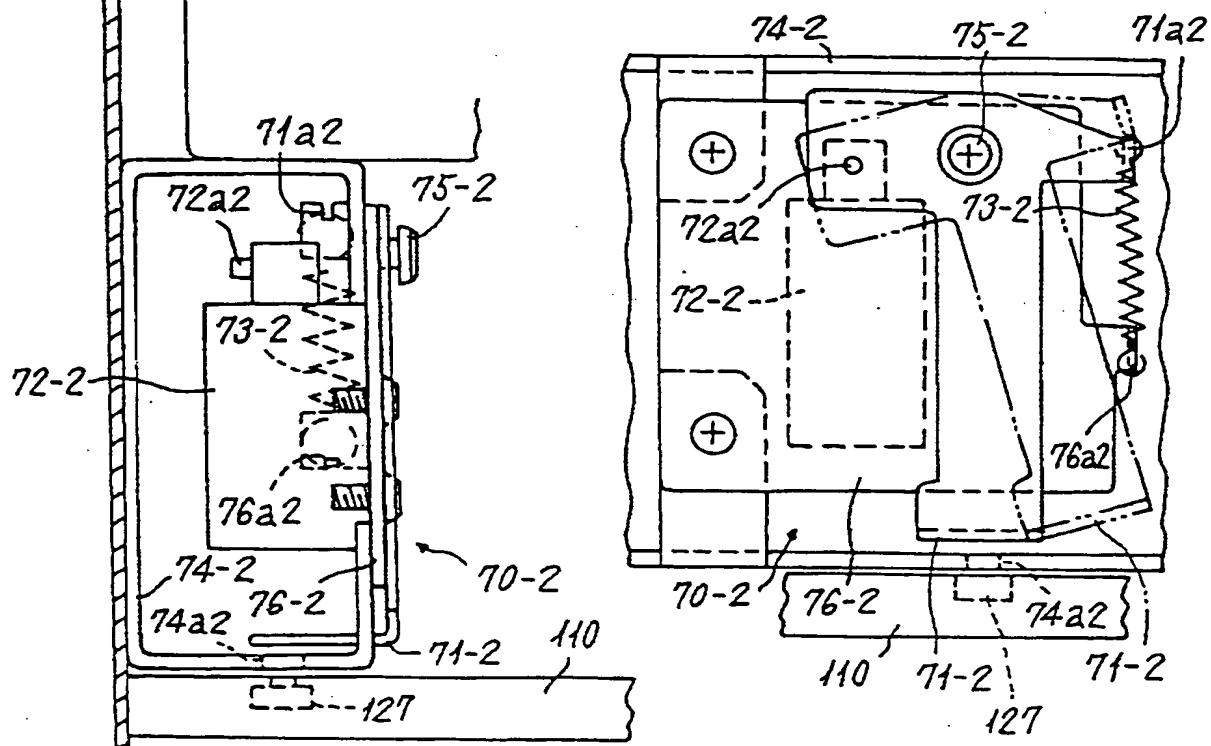


FIG. 10

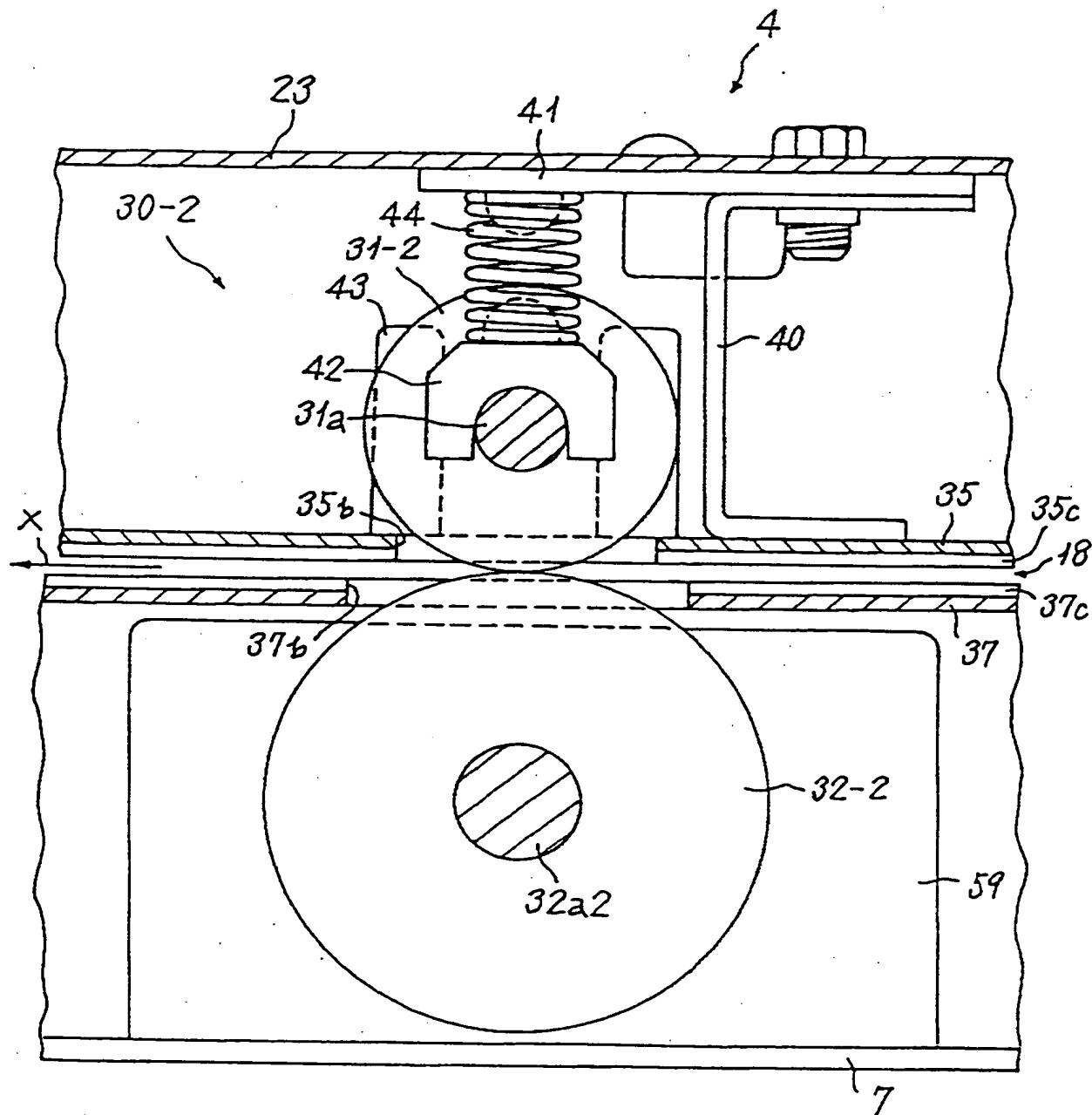


FIG. 11

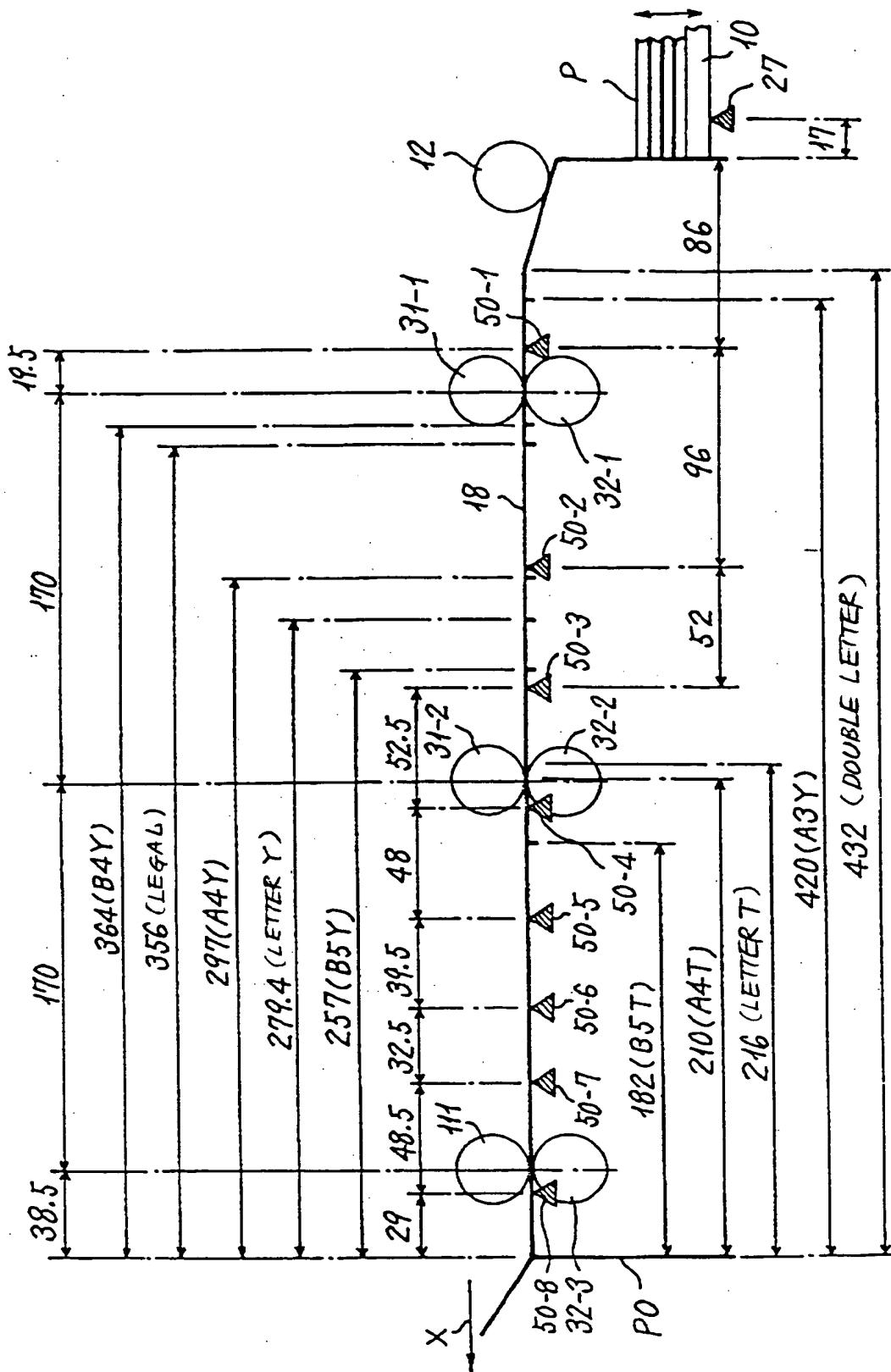


FIG. 12

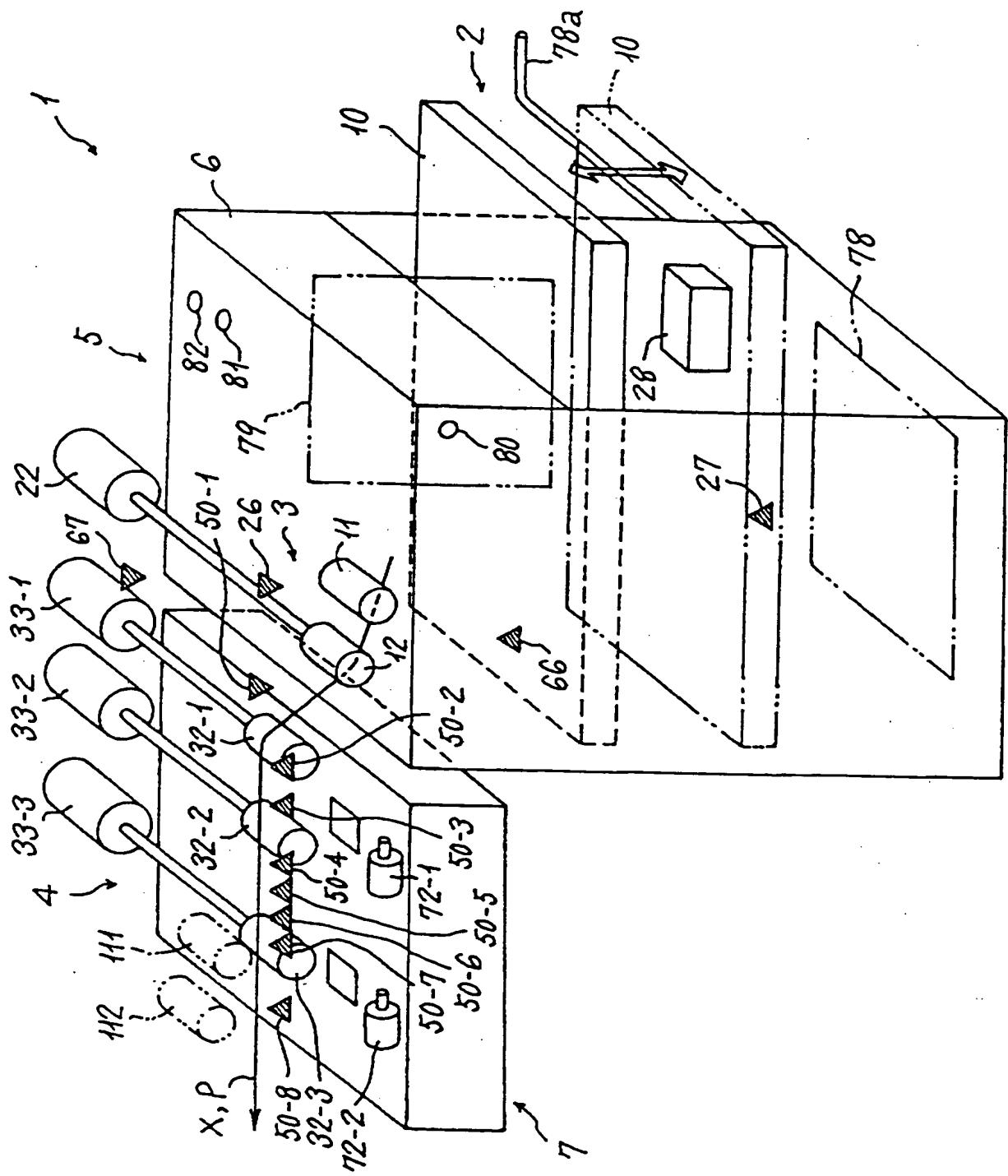


FIG. 13

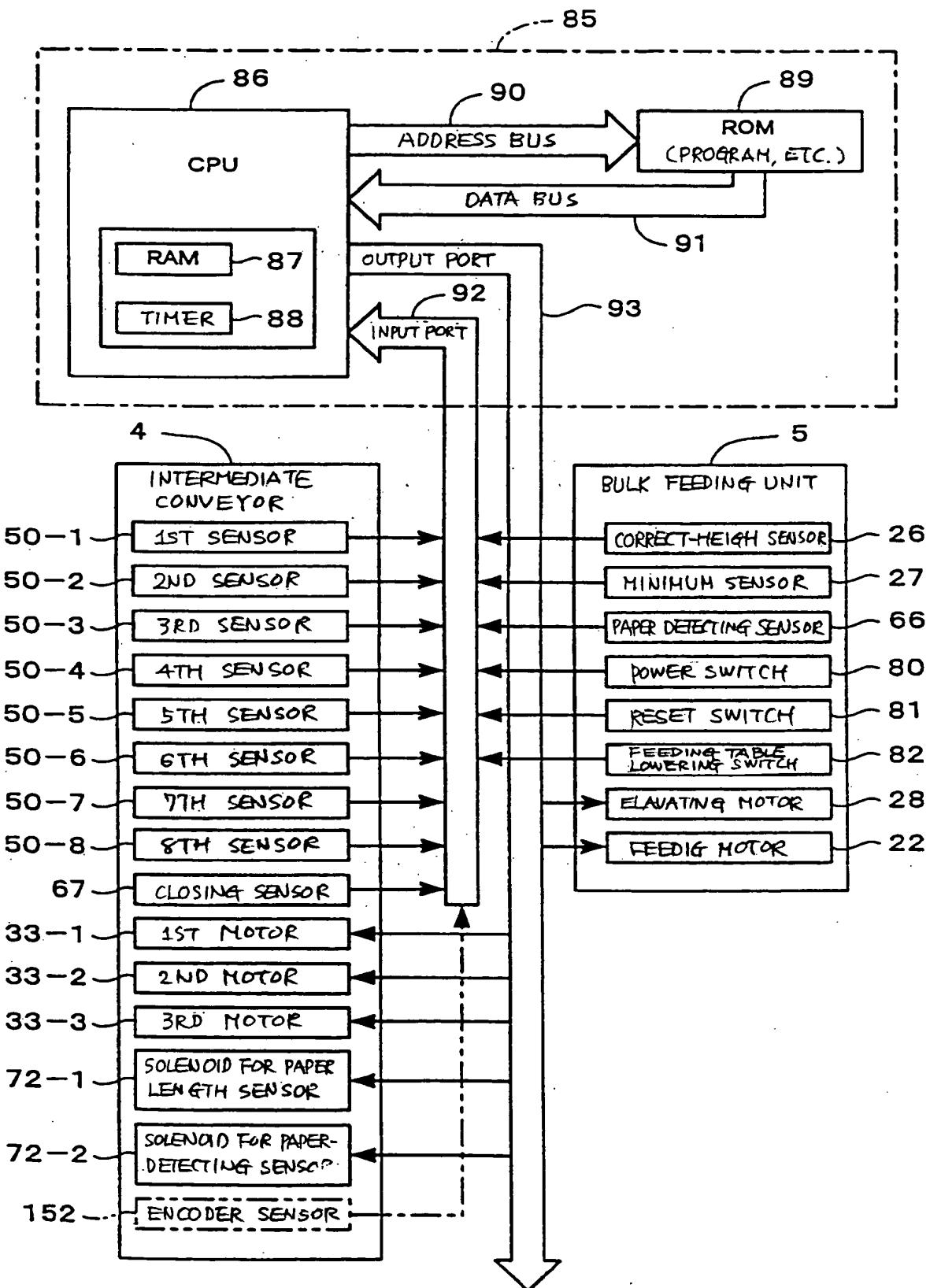


FIG. 14

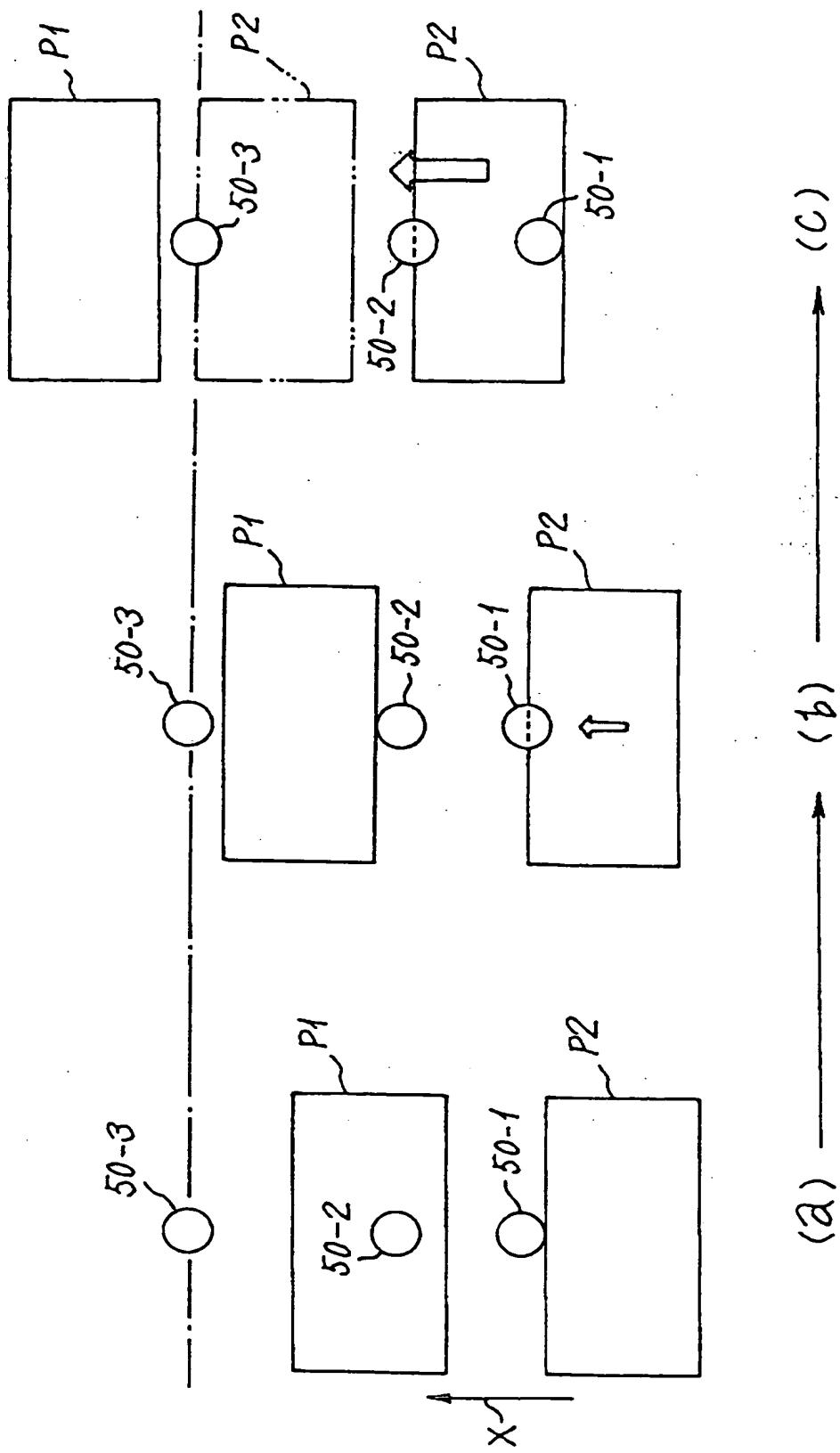


FIG. 15

PRINTING SPEED	PAPER LENGTH (FIRST TO EIGHT SENSORS)	PAPER SIZE	INITIAL POSITION OF PAPER TRAILING EDGE : BETWEEN SENSORS	MEASUREMENT OF TIME BETWEEN SENSORS IN SPEED MEASURING ZONE	
				2ND SHEET INTAKE SENSOR (TRANSPORT TIME)	1ST SENSOR
16rpm	LONG SIZE	DLY, A3Y	0-1	1-2	1ST SENSOR
		B4Y, LEGAL Y	1-2	2-3	2ND SENSOR
	SHORT SIZE	A4Y, B5Y,	2-3	3-5	3RD SENSOR
		A4T, LETTER T	3-4	4-6	4TH SENSOR
30rpm	LONG SIZE	B5T	4-5	5-7	6TH SENSOR
		DLY, A3Y	0-1	1-2	1ST SENSOR
	SHORT SIZE	B4Y, LEGAL Y	1-2	2-3	2ND SENSOR
		A4Y, B5Y, LETTER Y	2-3	3-5	3RD SENSOR
OTHER SPEED	LONG SIZE	A4T, LETTER T	3-4	4-6	4TH SENSOR
		B5T	4-5	5-7	6TH SENSOR

FIG. 16

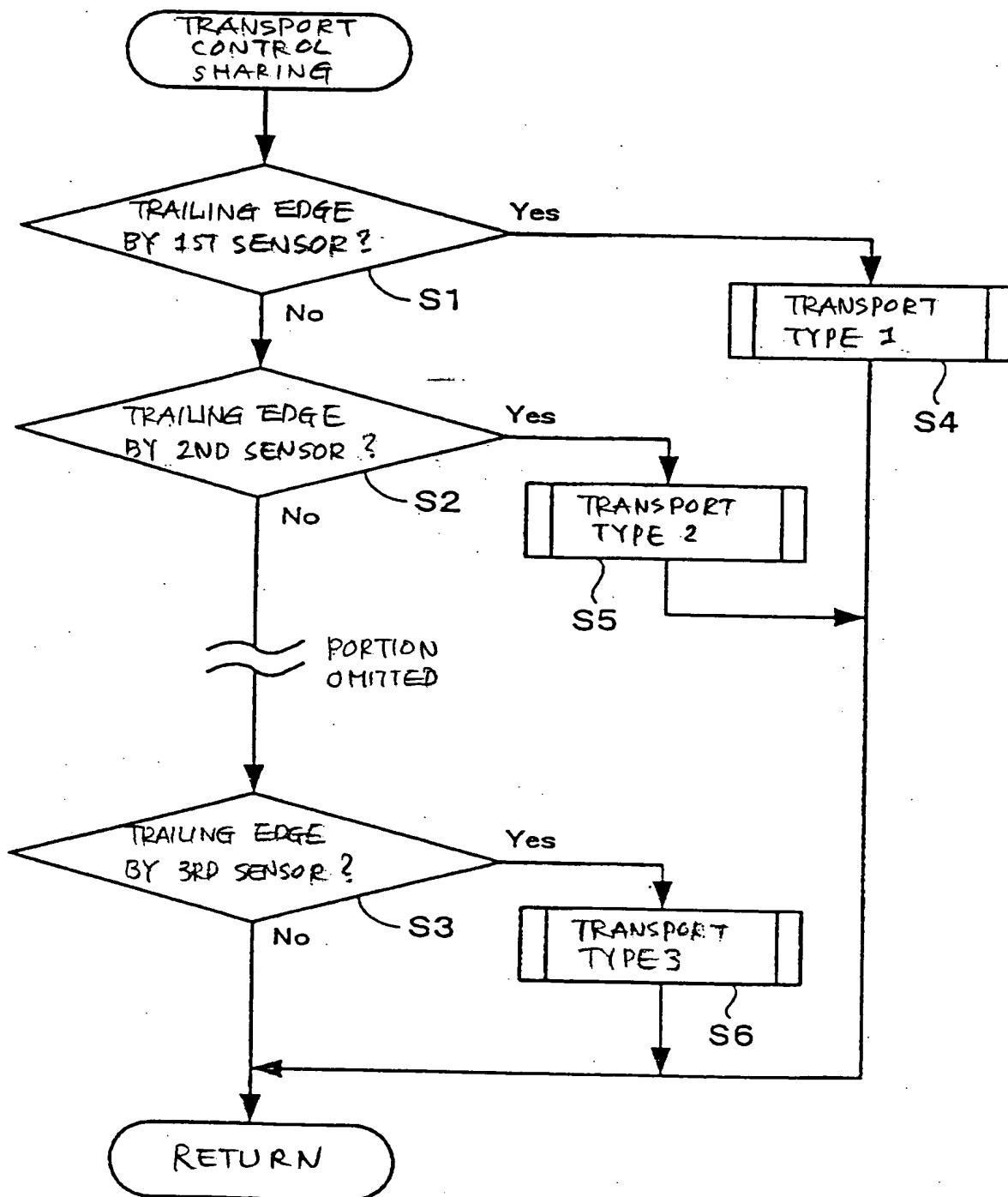


FIG. 17

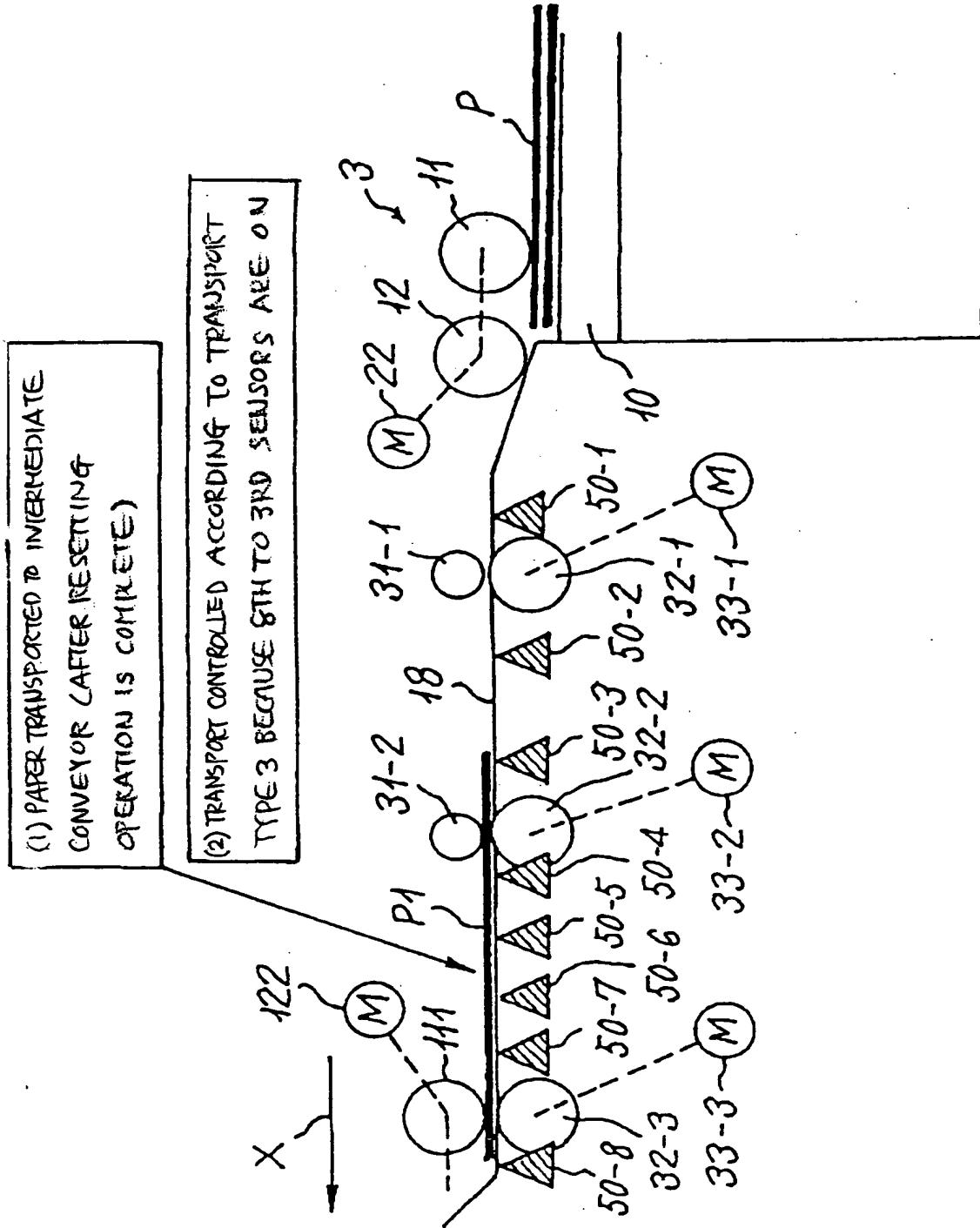


FIG. 18A

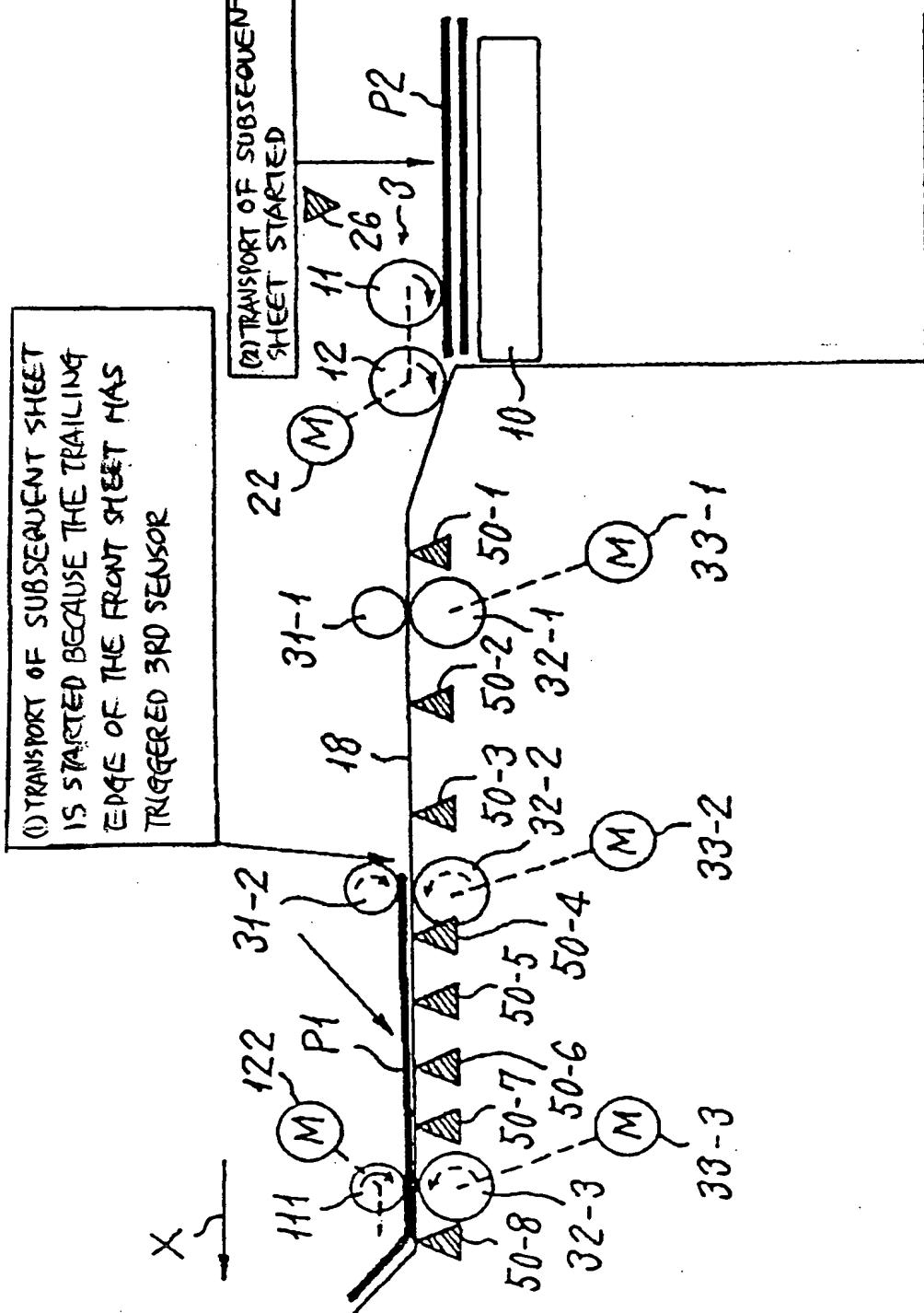


FIG. 18B

(3) SUBSEQUENT SHEET IS TRANSPORTED WHILE THE TRAILING EDGE OF THE FRONT SHEET IS CHECKED TWICE BETWEEN SENSORS; SUBSEQUENT SHEET IS STOPPED AT 3RD SENSOR BECAUSE THE TRAILING EDGE OF THE FRONT SHEET HAS NOT TRIGGER 5TH SENSOR

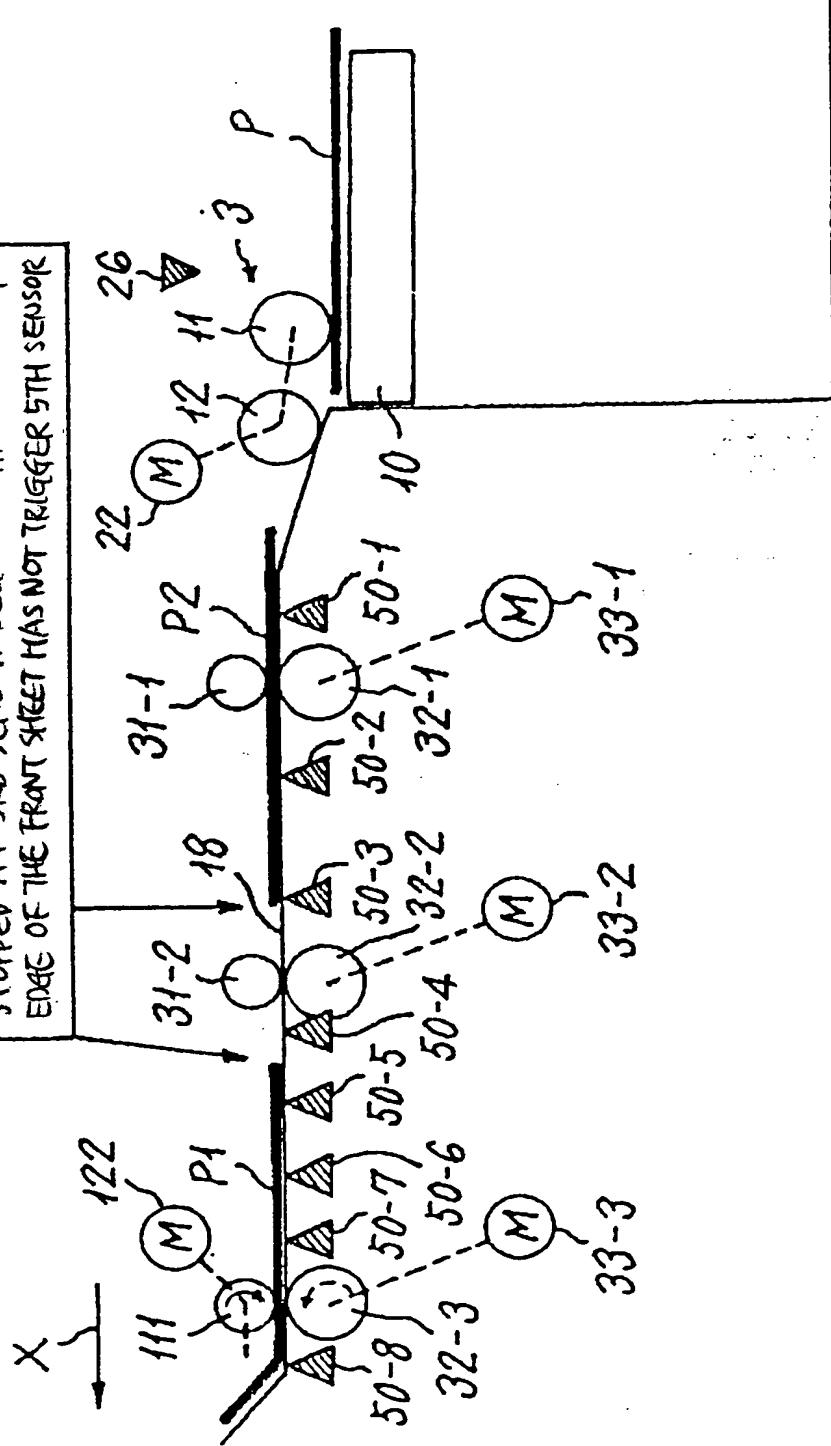


FIG. 19A

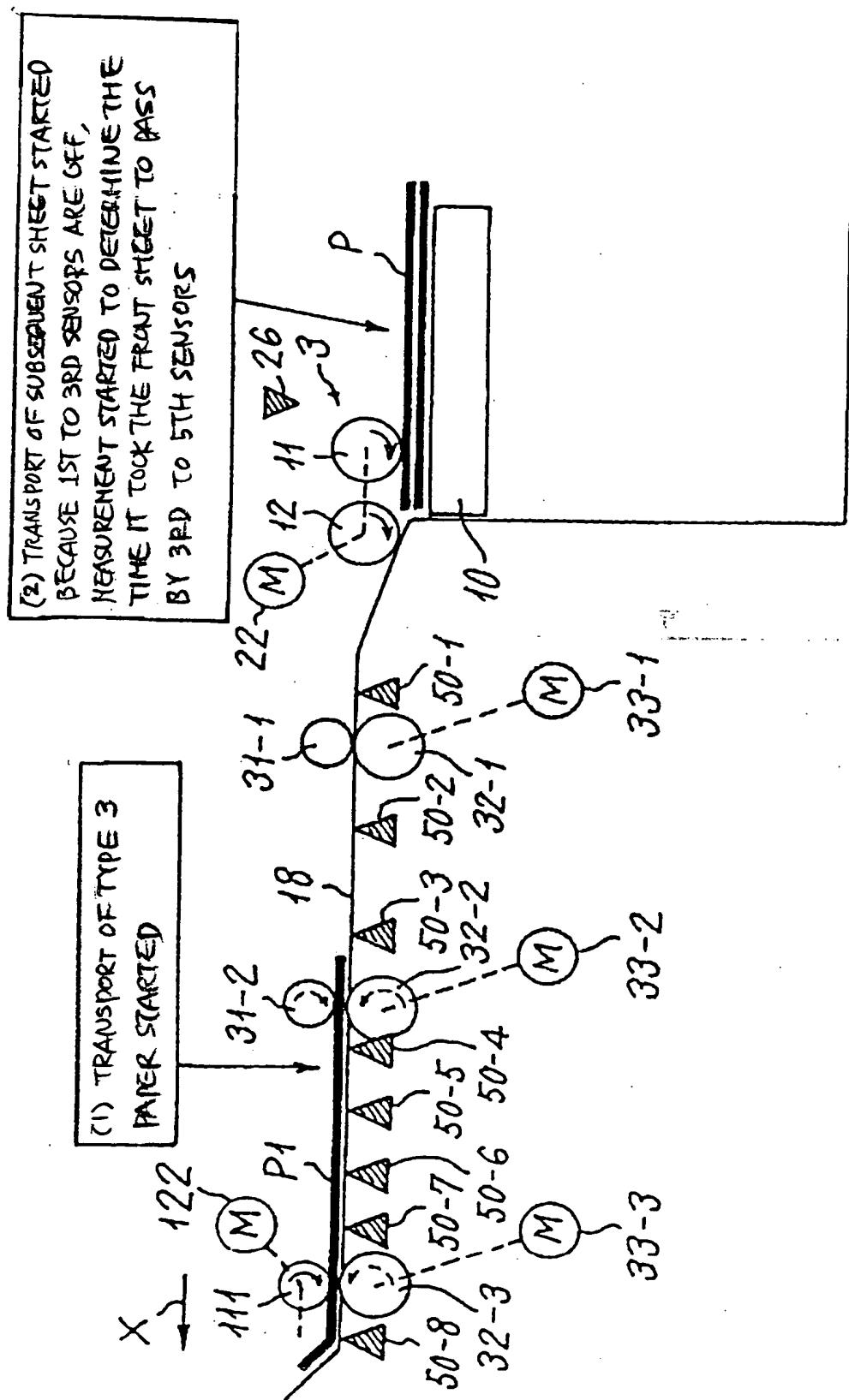


FIG. 19B

(4) MEASUREMENT IS STARTED IN (2) AS 5TH SENSOR IS TURNED OFF BY FRONT SHEET; CHECK IS PERFORMED PERIODICALLY THE TIME IT TOOK THE FRONT SHEET TO PASS BY 3RD TO 5TH SENSORS; IT IS CONCLUDED THAT THE FRONT SHEET MOVES SLOWLY AND THE SUBSEQUENT SHEET IS STOPPED IF THE EXCESS SPECIFIC PERIOD

(3) SUBSEQUENT SHEET ADVANCES
TO 3RD SENSOR

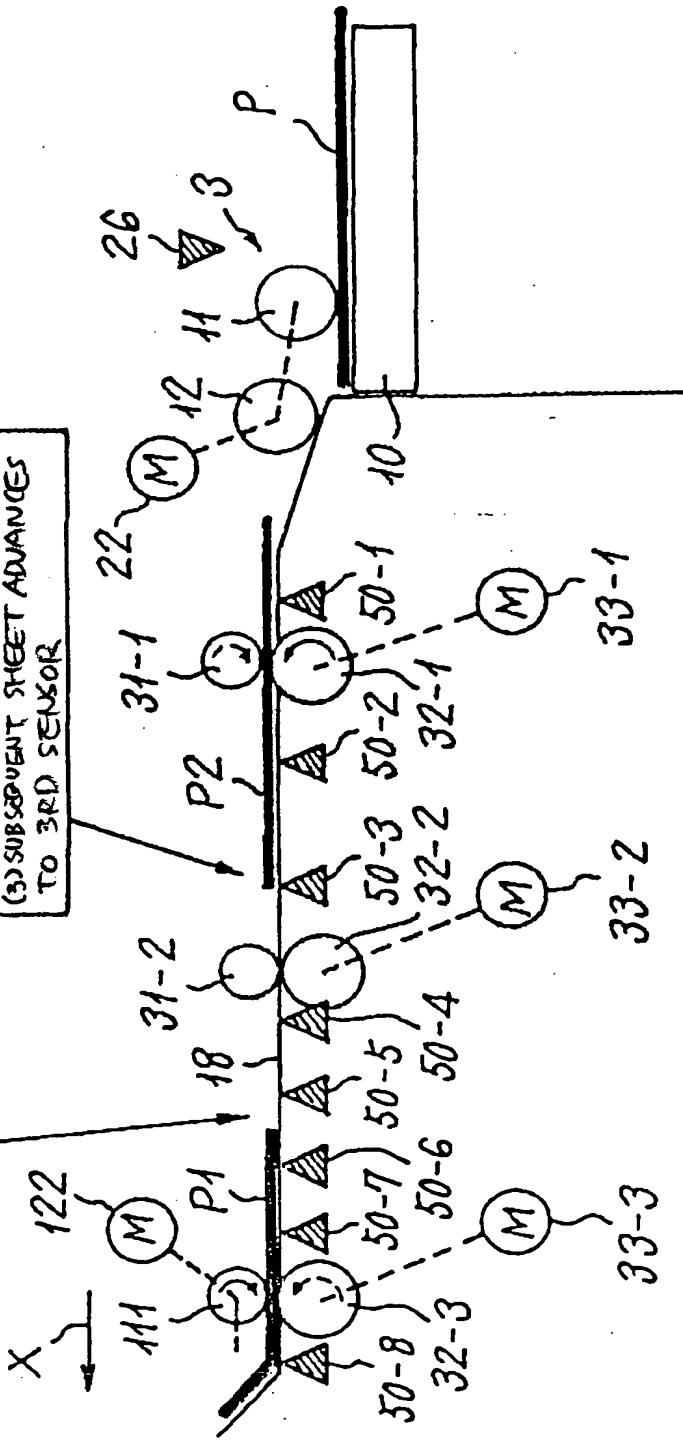


FIG. 20

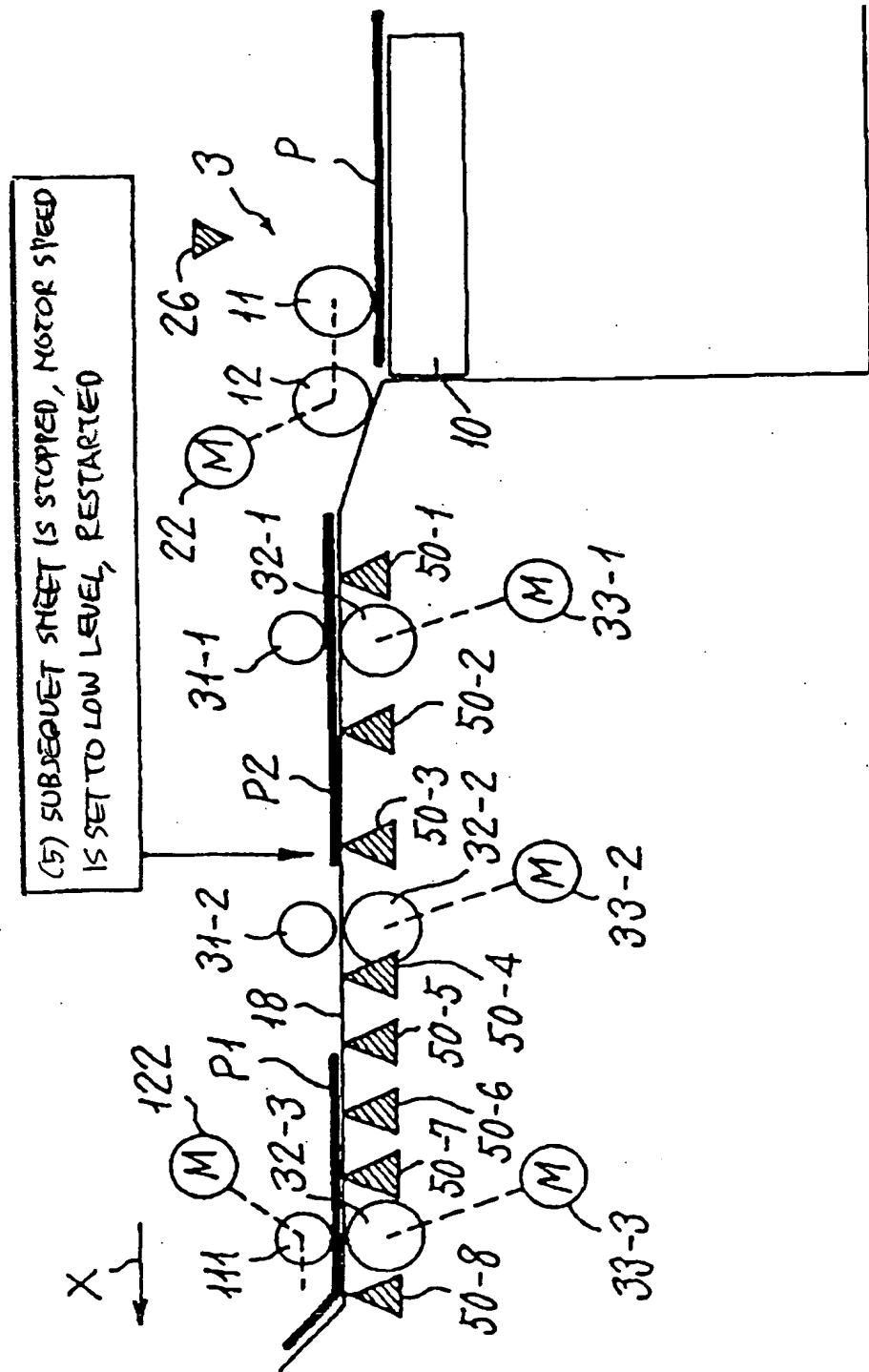


FIG. 21

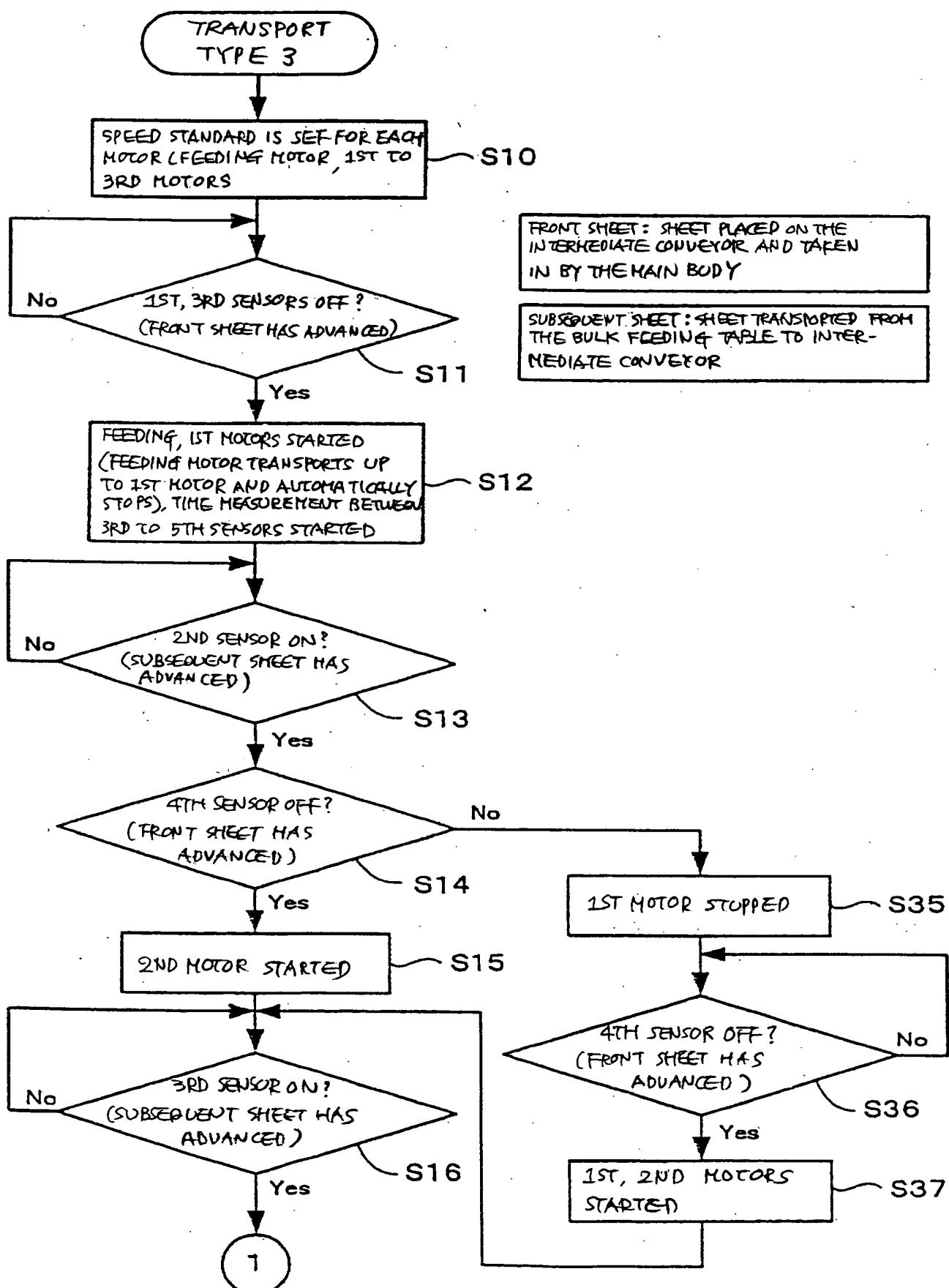


FIG. 22

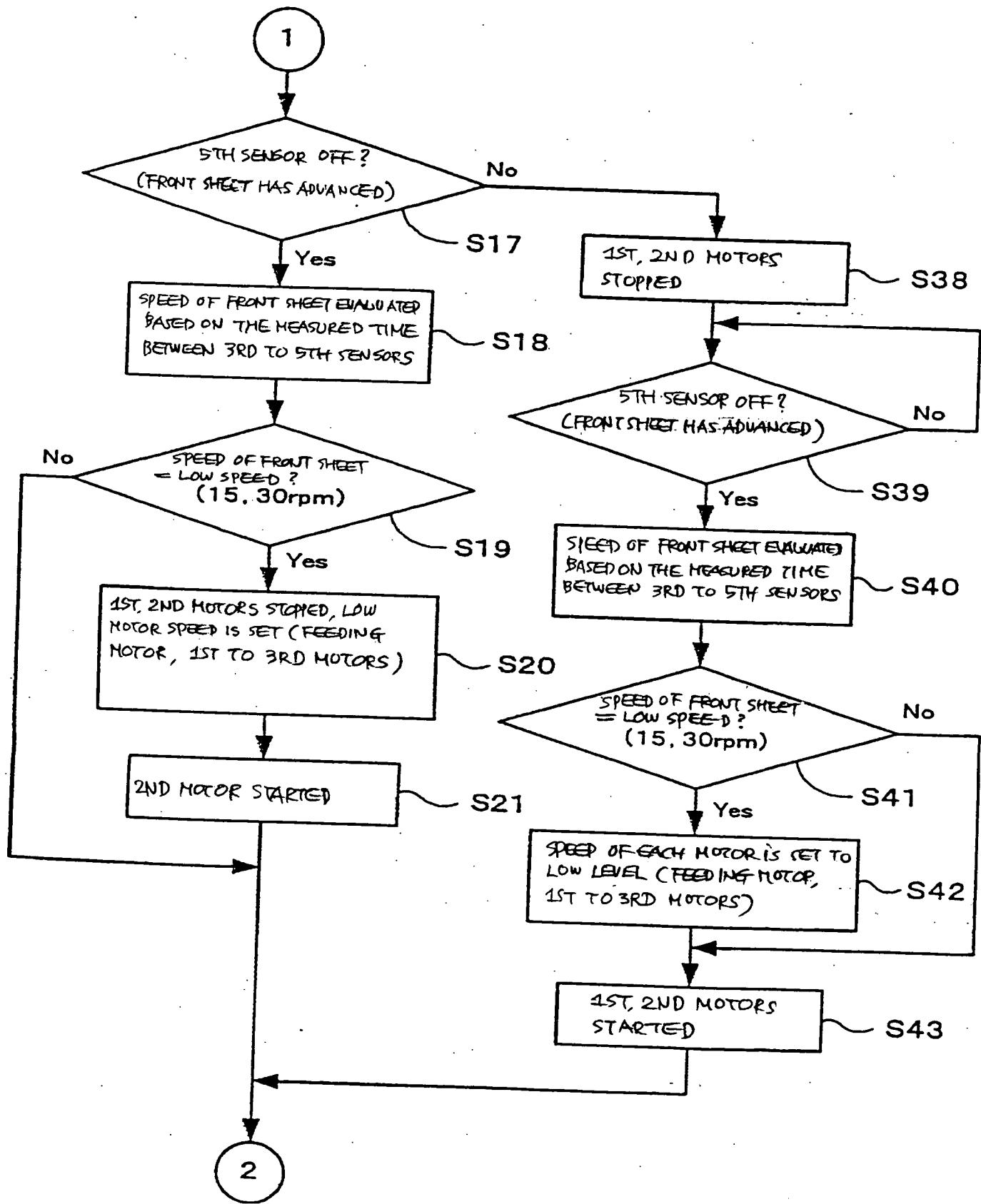


FIG. 23

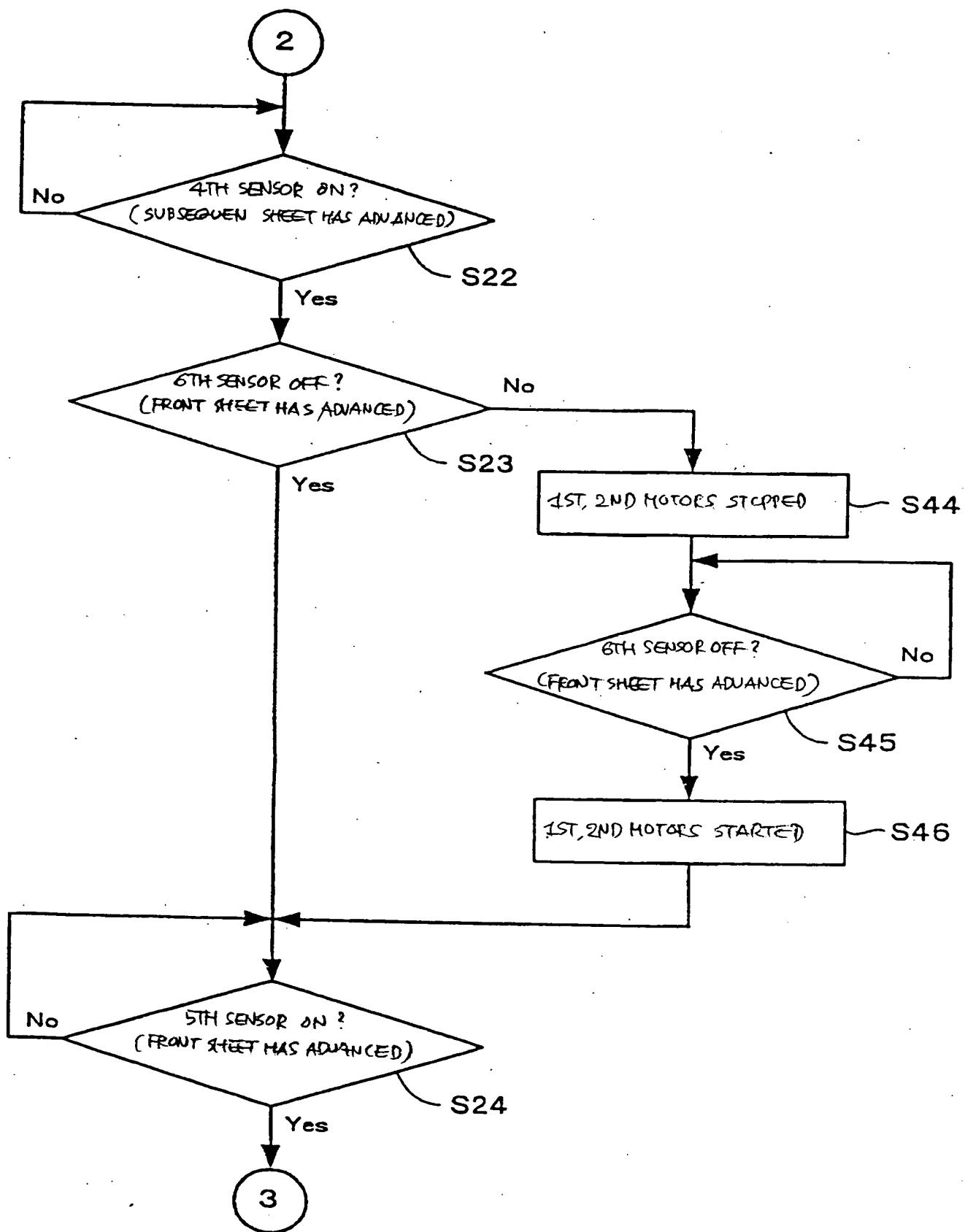


FIG. 24

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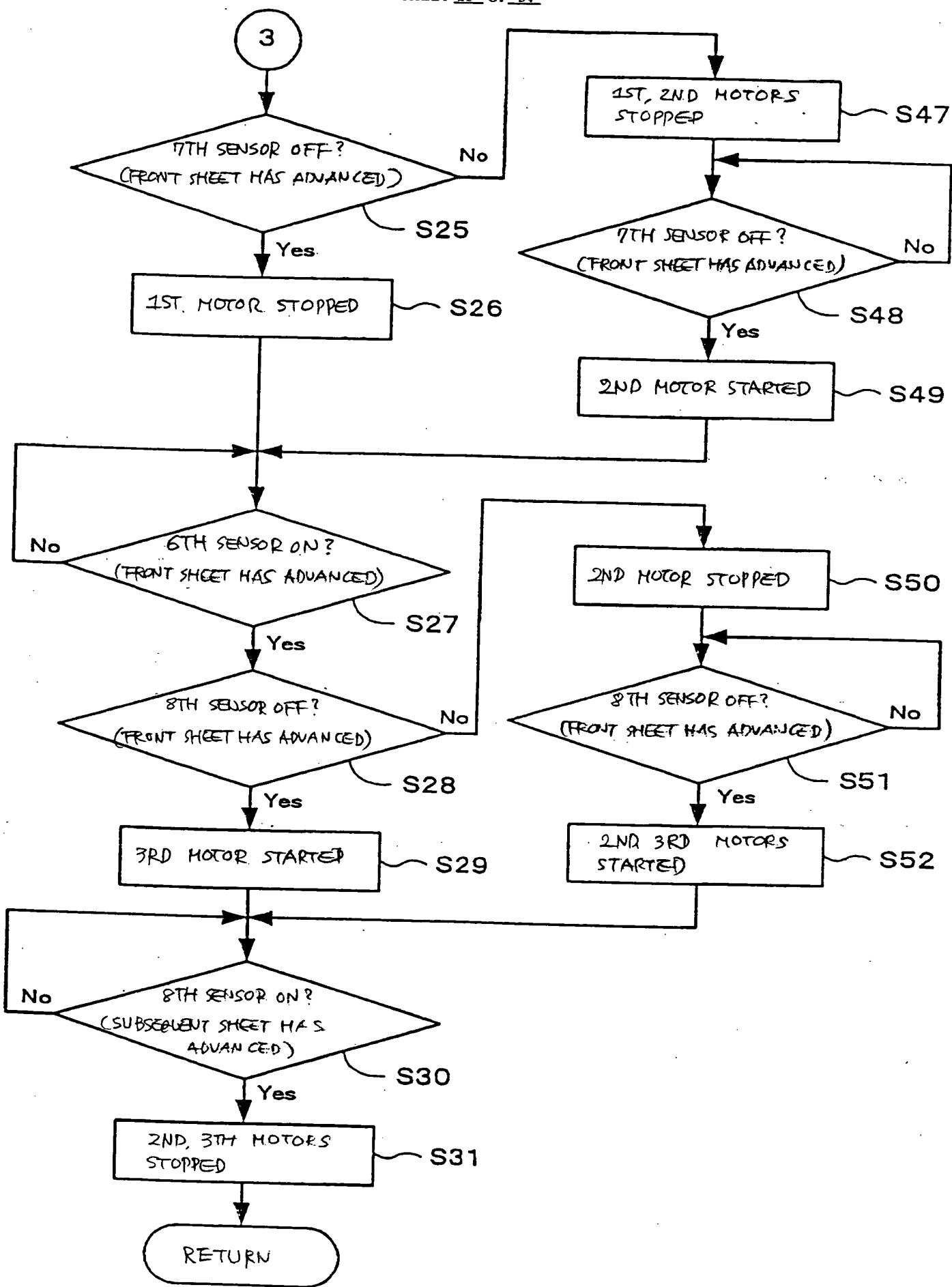


FIG. 25

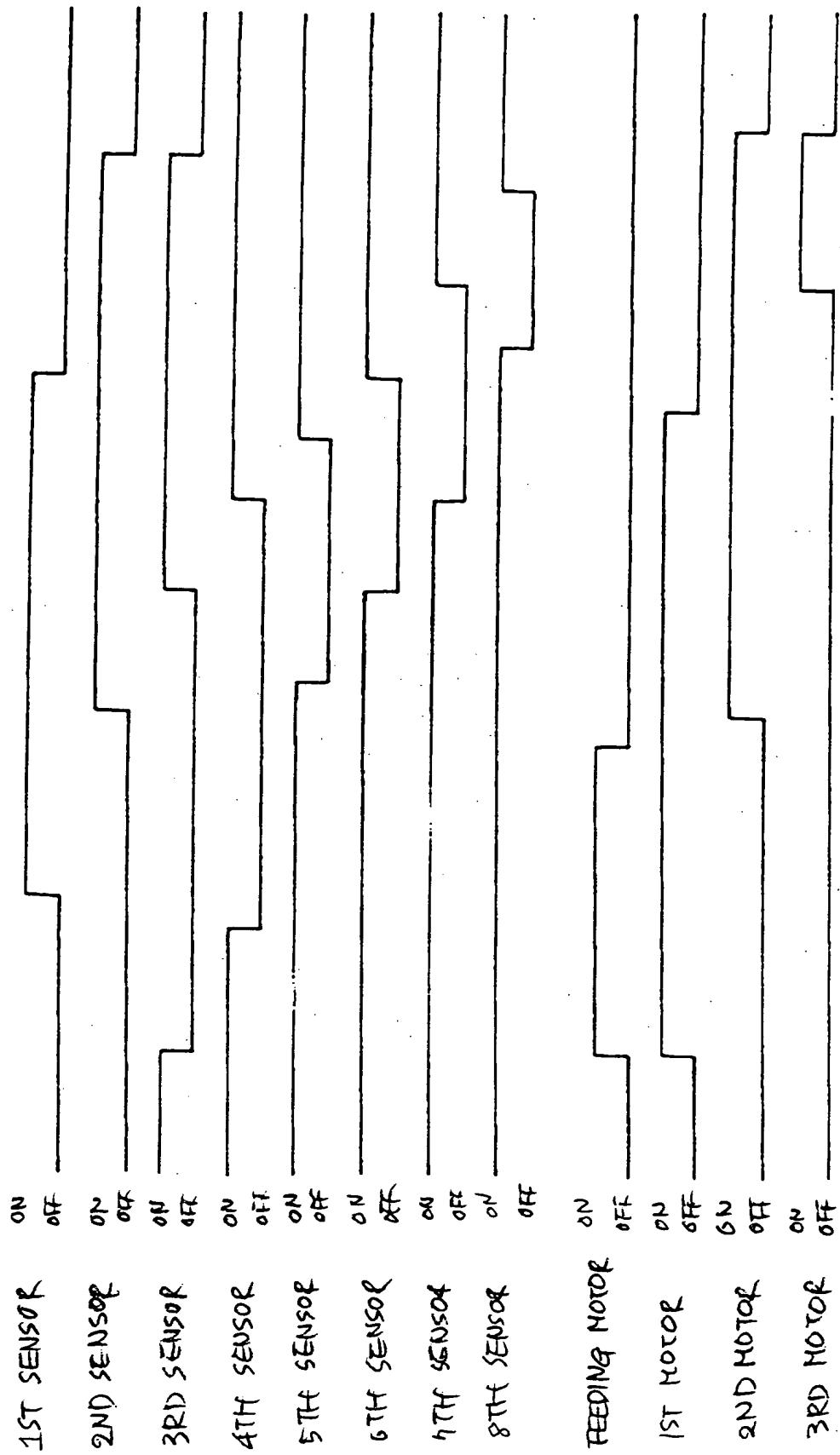


FIG. 26A

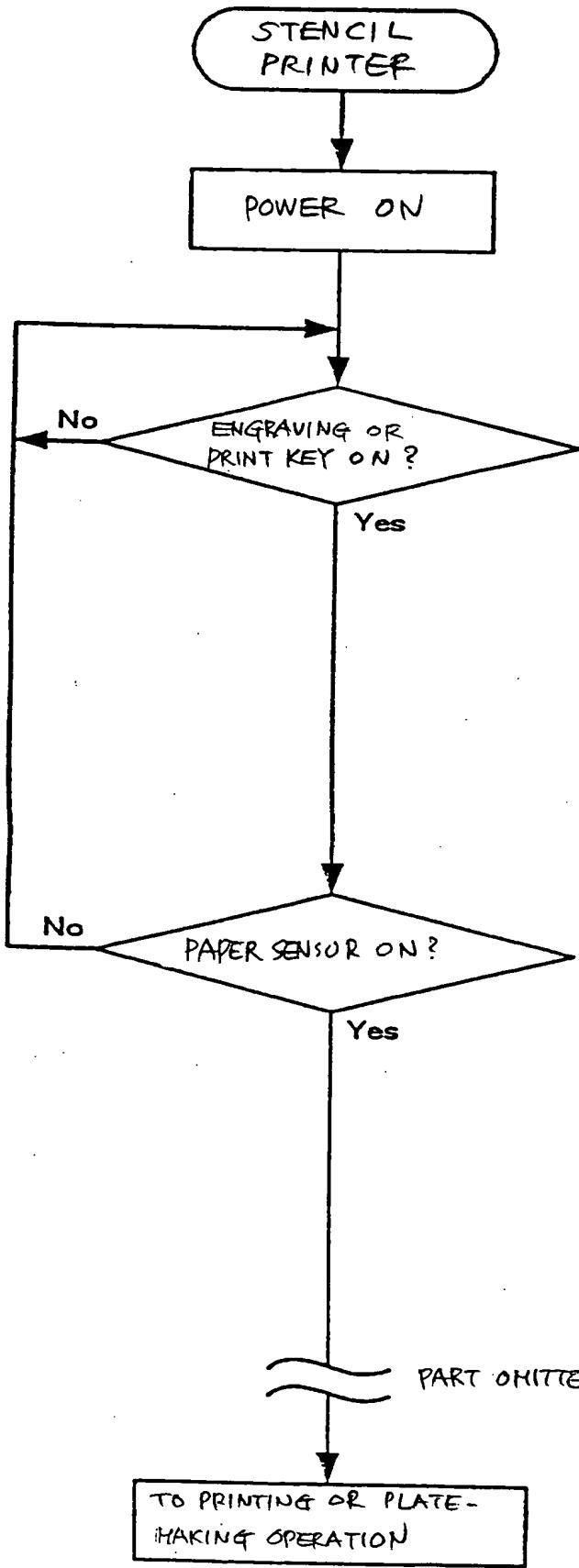


FIG. 26B

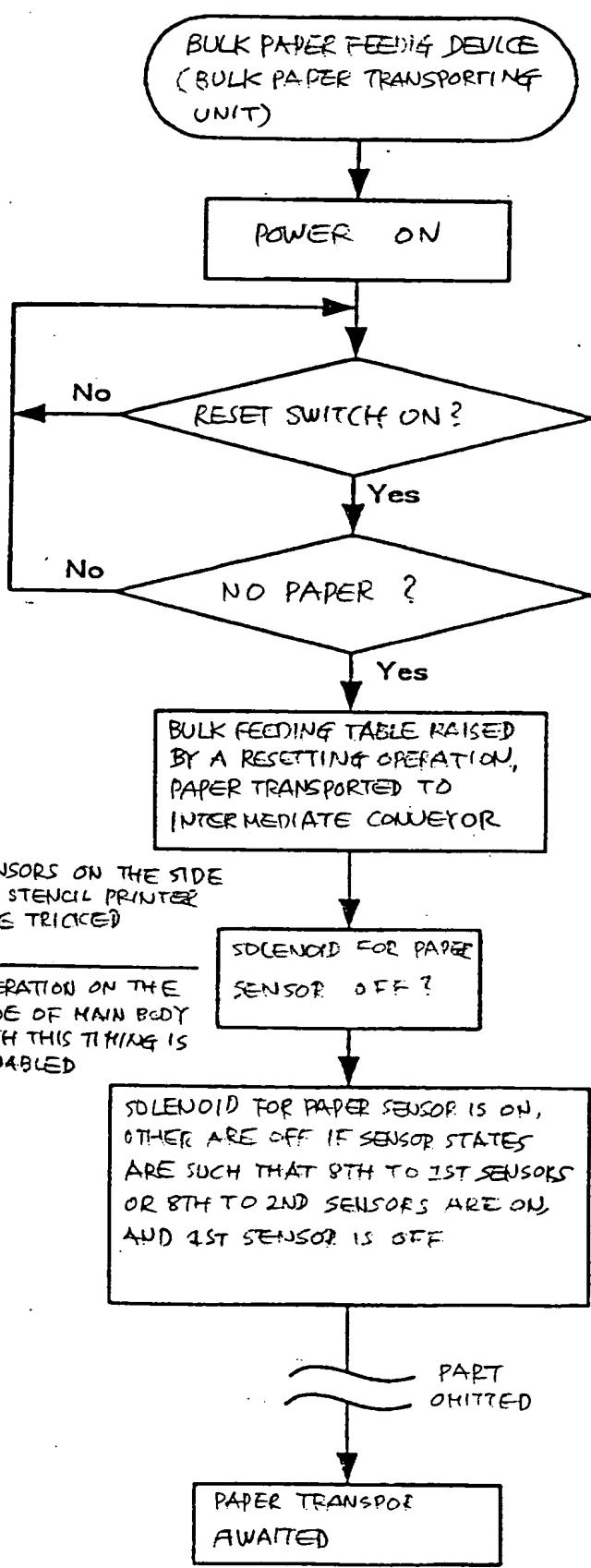


FIG. 27

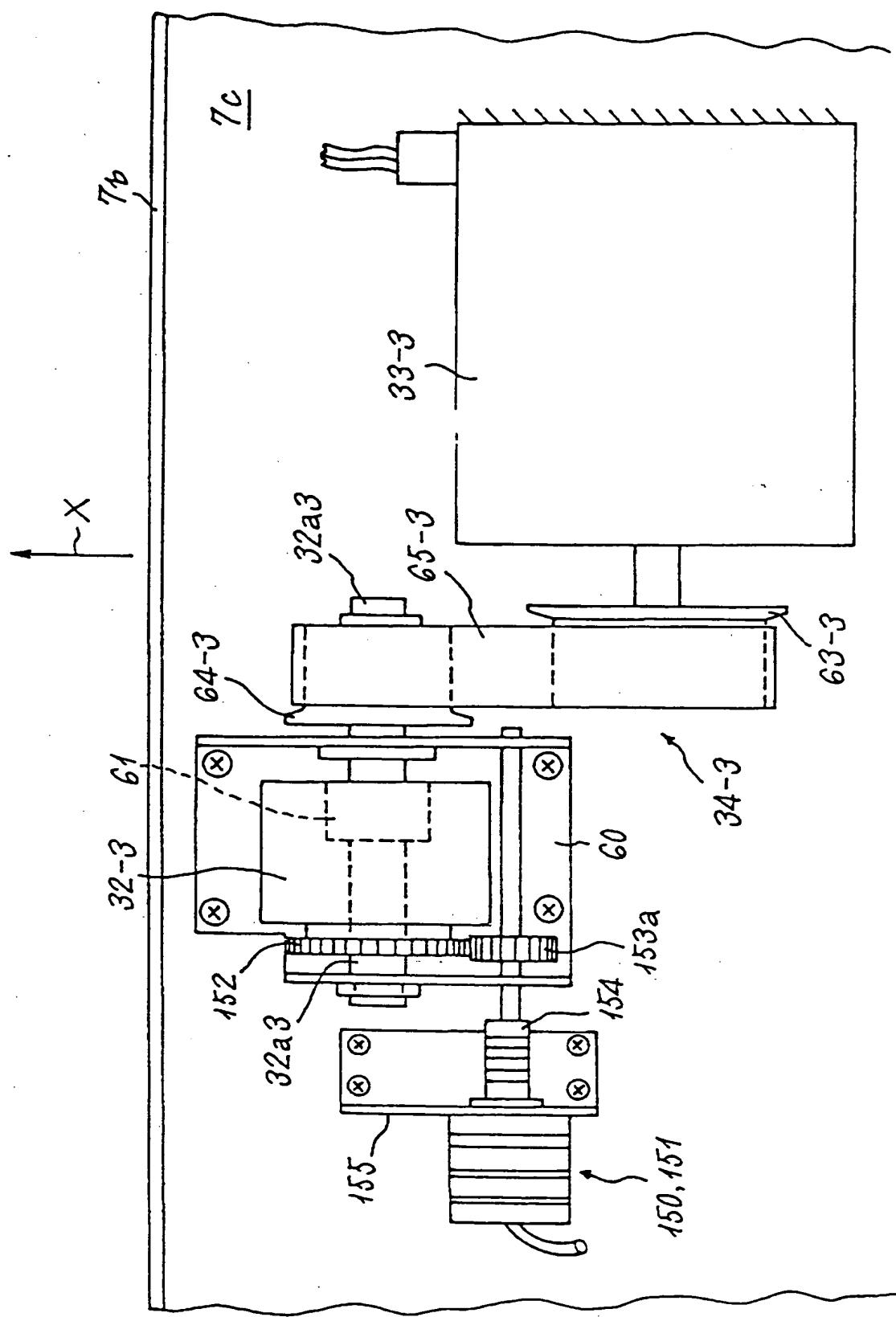


FIG. 28A

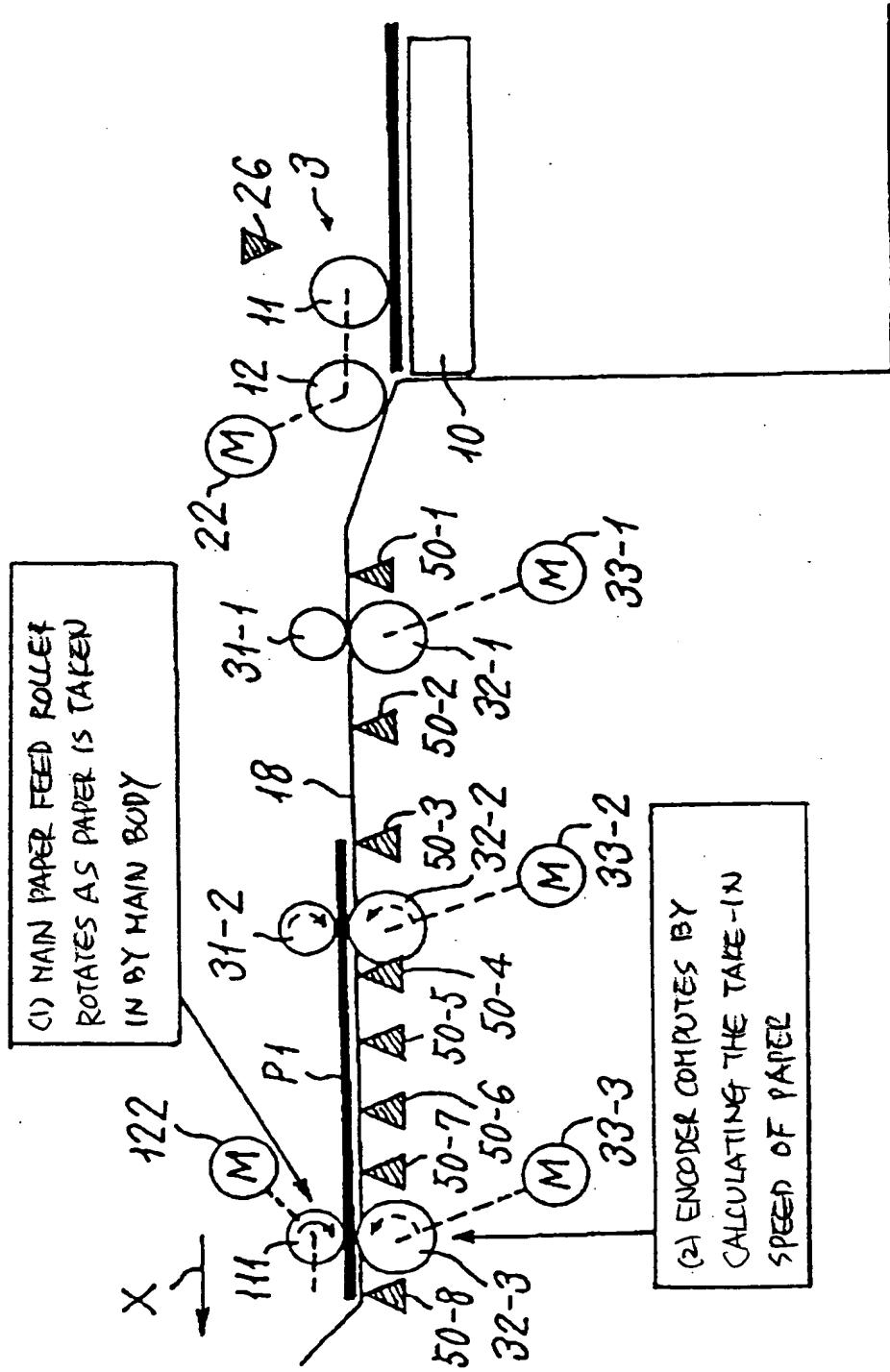


FIG. 28B

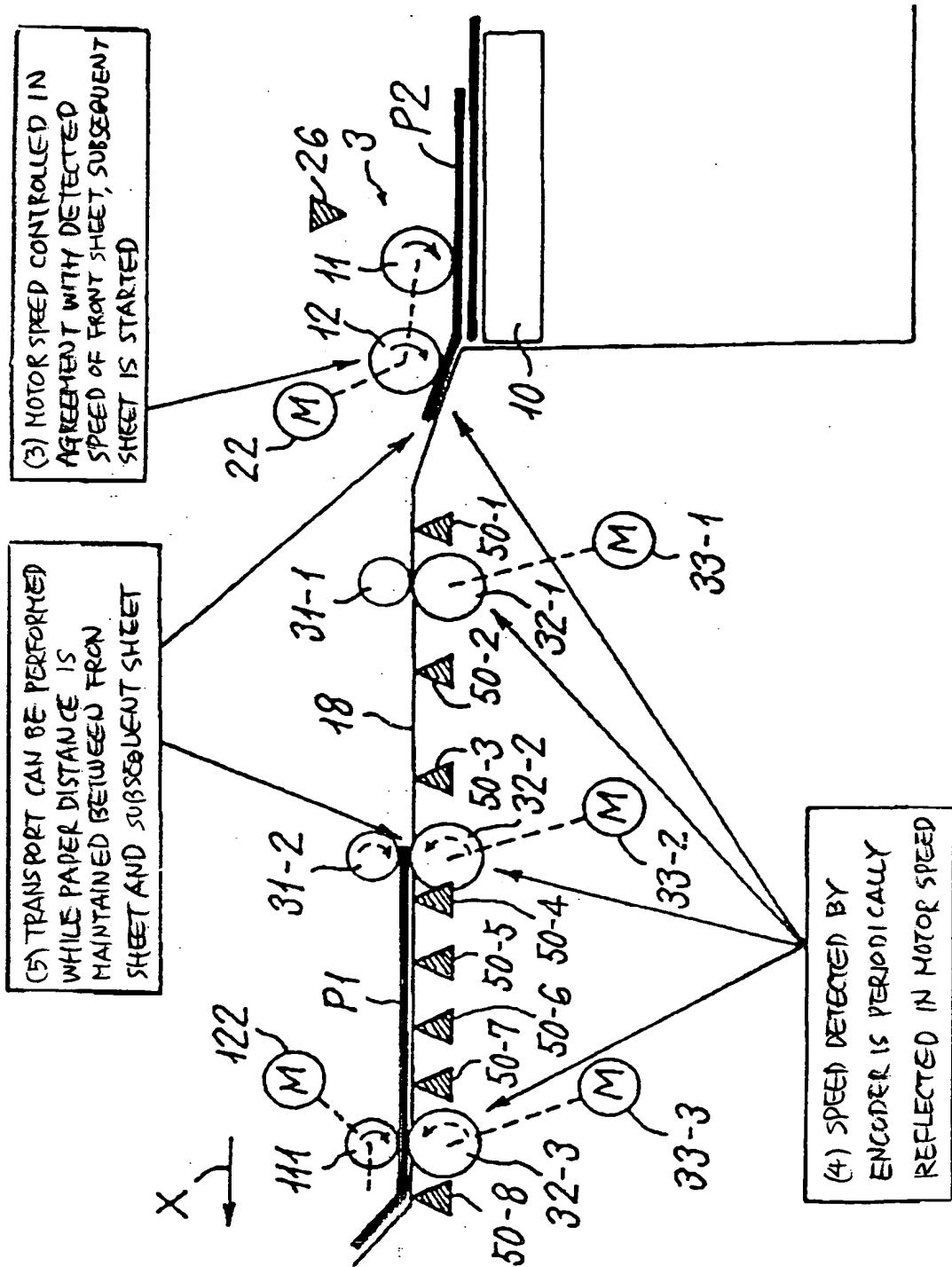


FIG. 29

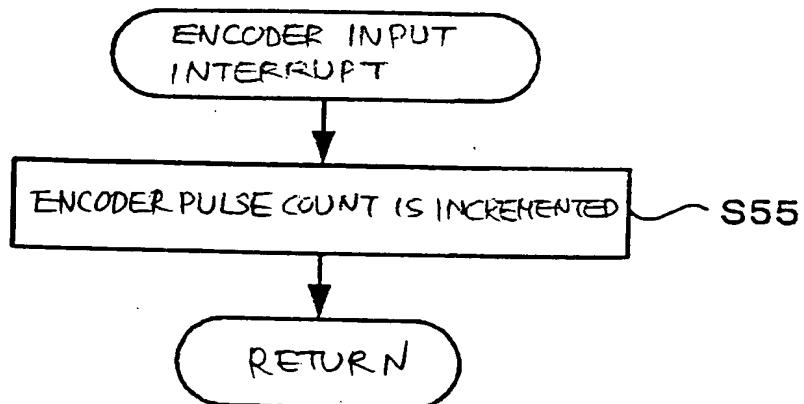


FIG. 30

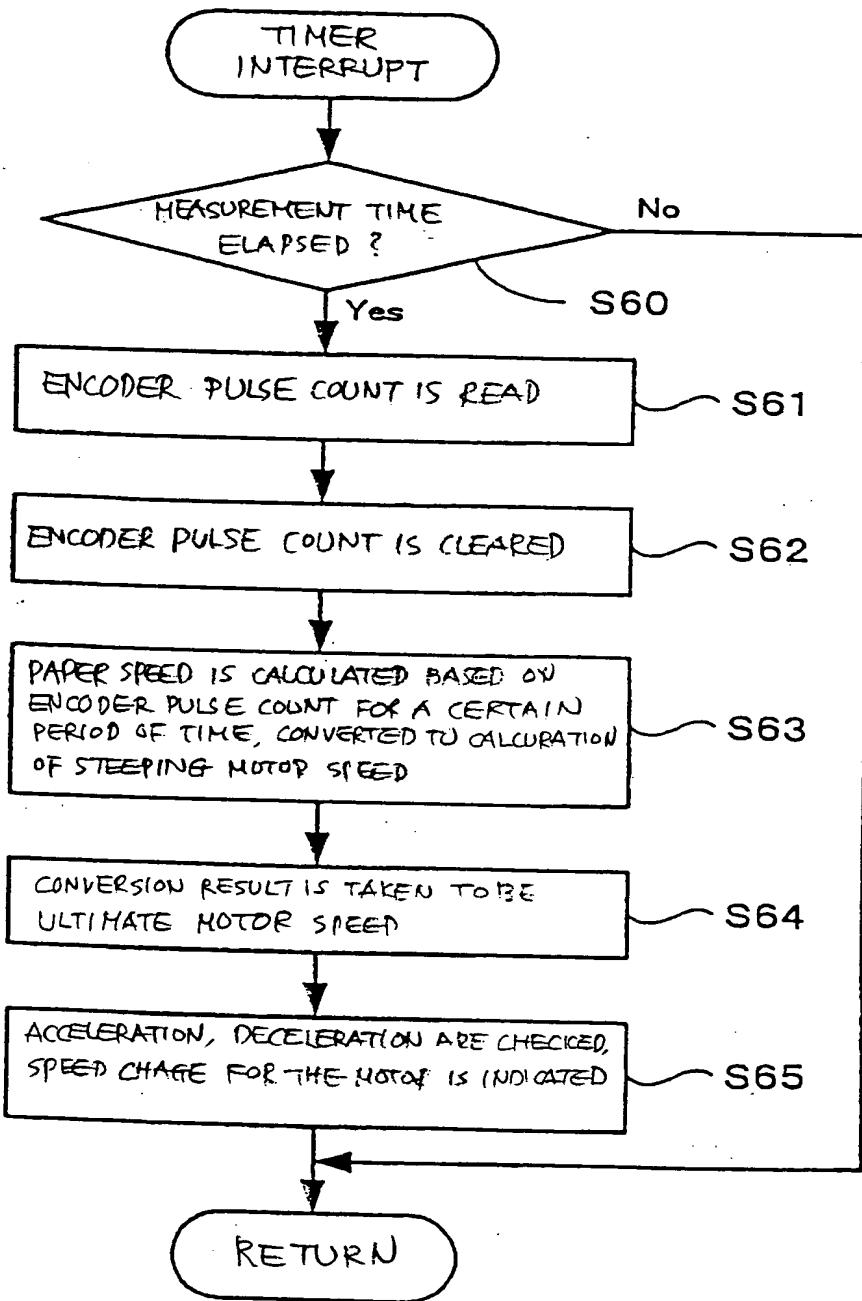


FIG. 31

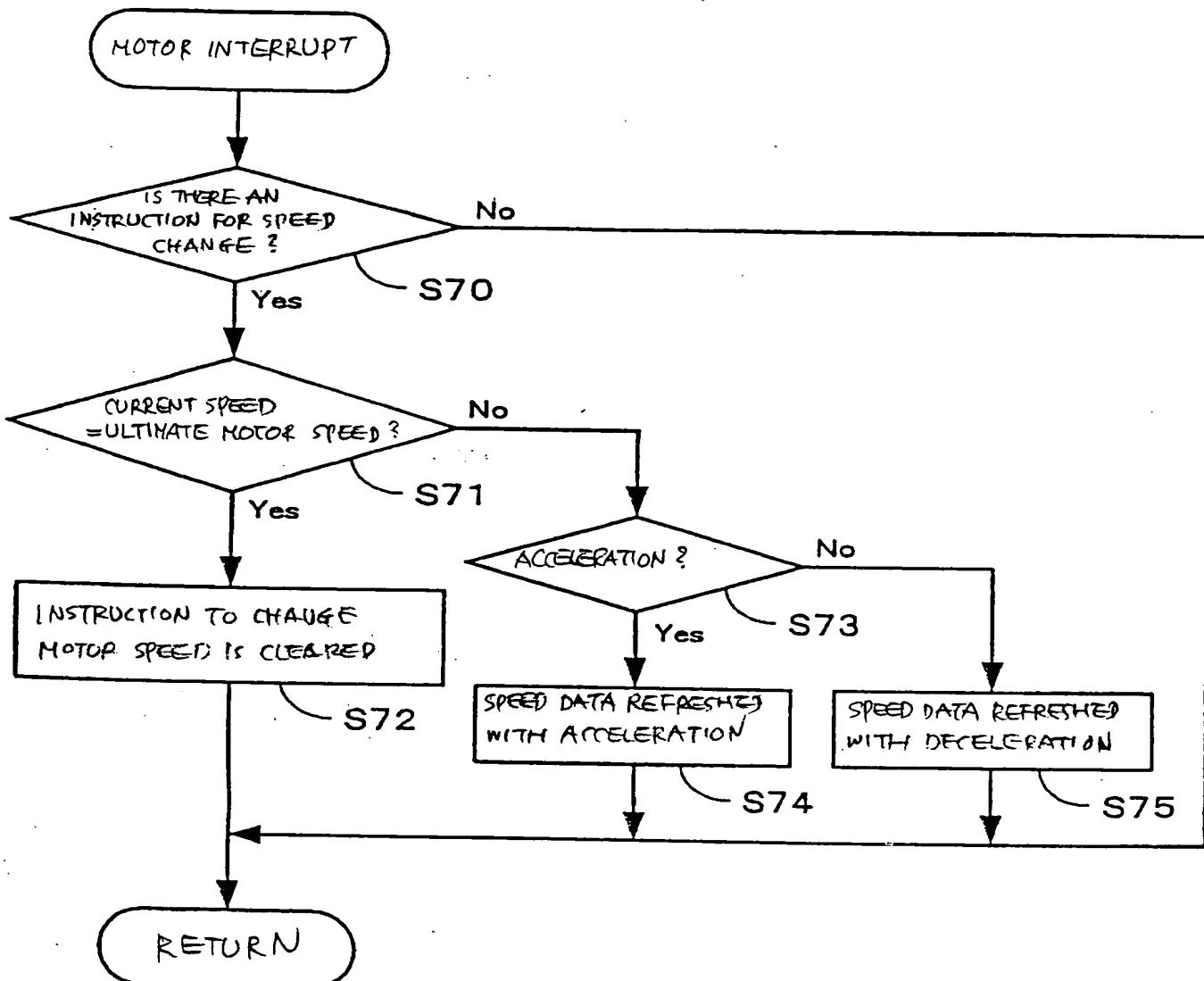


FIG. 32

